2012 - 2013 Bulletin

Westfield
STATE UNIVERSITY
Founded 1838

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Founded 1838

2012 – 2013

UNDERGRADUATE

BULLETIN

The rules, regulations, policies, fees and other charges, courses of study, and academic requirements that appear in this Bulletin were in effect at the time of its publication. Like everything else in this Bulletin, they are published for informational purposes only, and they do not constitute a contract between the University and any student, applicant for admission or other person.

Whether noted elsewhere in this Bulletin or not, the University reserves the right to change, eliminate, and add to any existing (and to introduce additional) rules, regulations, policies, fees and other charges, courses of study and academic requirements. Whenever it does so, the University will give as much advance notice as it considers feasible or appropriate, but it reserves the right in all cases to do so without notice.

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Academic Calendars and Important Dates

FALL 2012

M September 3	Labor Day – No Classes
T September 4	Opening Day University Meeting
W September 5	Classes Begin
W October 3	Spring/Summer Inc Grade Conversion
M October 8	Columbus Day – No Classes
T October 9	Follow Monday Schedule Last Day to Withdraw for Session A
T October 23	Session A Classes End*
W October 24	Session B Classes Begin*
M November 12	Veterans' Day Obsv. – No Classes
T November 20	Last Day to Withdraw for Full Semester Classes
W November 21	Thanksgiving Recess (begins 12:20 p.m.) No Classes – November 21-23
M November 26	Classes Resume
F November 30	Last Day to Withdraw for Session B
F December 14	Classes End – Day Division †
M December 17	Examination period † December 17, 18, 19, 20
F December 21	Snow Make-Up Day
R December 27	All Grades Due by 12 Noon

SPRING 2013

M January 21	Martin Luther King, Jr. Day-No Classes
T January 22	Classes begin
M February 18	Presidents' Day – No Classes
T February 19	Follow Monday Schedule Fall/Winter Inc Grade Conversion
F February 22	Last Day to Withdraw for Session A
F March 8	Session A Classes End*
M March 11	Spring Break No Classes – March 11-15
M March 18	Classes Resume and Session B Classes Begin*
M April 15	Patriots' Day – No Classes
T April 16	Last Day to Withdraw for Full Semester Classes
T April 23	Last Day to Withdraw for Session B
W April 24	Community Service Day (classes held)
M May 6	Classes End – Day Division †
T May 7	Reading Day or Make-up Day (Day Division Only)
W May 8	Examination Period † May 8, 9, 10, 13
W May 15	Senior Grades Due by Noon
F May 17	Commencement
T May 21	All Other Grades Due by Noon

SUMMER 2013†

May 20 June 28	Summer Session I
May 27	Memorial Day – No Classes
July 8	Grades Due
July 1 August 9	Summer Session II July 4 – No Classes
August 19	Grades Due

† Check published dates for Evening Division.

FALL 2013

M September 2	Labor Day – No Classes
T September 3	Opening Day University Meeting
W September 4	Classes Begin
W October 2	Spring/Summer Inc Grade Conversion
M October 7	Last Day to Withdrawal for Session A
M October 14	Columbus Day – No Classes
T October 15	Follow Monday Schedule
T October 22	Session A Classes End *
W October 23	Session B Classes Begin *
M November 11	Veteran's Day – No Classes
T November 19	Last Day to Withdraw for Full Semester
T November 26	Last Day to Withdraw for Session B
W November 27	Thanksgiving Recess (begins at 12:30 p.m.) No Classes November 28-29
M December 2	Classes Resume
F December 13	Classes End Day Division †
M December 16	Exam Period Begins December 16, 17, 18, 19
F December 20	Exam Snow Day Make-Up
F December 27	Grades Due by Noon

SPRING 2014

M January 20	Martin Luther King, Jr. Day – No Classes
T January 21	Classes Begin
M February 17	President's Day – No Classes
T February 18	Follow Monday Schedule Fall/Winter Inc Grade Conversion
F February 21	Last Day to Withdraw for Session A
F March 7	Session A Classes End *
M March 10	Spring Break No Classes March 10-14
M March 17	Classes Resume Session B Classes Begin *
M April 14	Last Day to Withdraw for Full Semester Classes
M April 21	Patriot's Day – No Classes
T April 22	Last Day to Withdraw for Session B
W April 23	Community Service Day (classes held)
M May 5	Classes End Day Division †
T May 6	Reading Day or Make-up Day (Day Division Only)
W May 7	Examination Period † May 7, 8, 9, 12
W May 14	Senior Grades Due 12 by Noon
S May 17	Commencement
T May 20	All Other Grades Due by Noon

SUMMER 2014 †

May 19 – June 27	Summer Session I
July 7	Grades Due
June 30 – August 8	Summer Session II
August 18	Grades Due

* Dates do not apply to practicum, see Education Department.

FALL 2014

M September 1	Labor Day - No Classes
T September 2	Opening Day University Meeting
W September 3	Classes Begin
T September 9	Add/Drop Ends
W October 1	Spring/Summer Inc Grade Conversion
M October 6	Last Day to Withdrawal for Session A
M October 13	Columbus Day - No Classes
T October 21	Session A Classes End*
W October 22	Session B Classes Begin*
T November 11	Veteran's Day - No Classes
W November 19	Last Day to Withdraw for Full Semester Classes
W November 26	Last Day to Withdraw for Session B Thanksgiving Recess (begins 12:20 p.m.) No Classes November 27-28
M December 1	Classes Resume
F December 12	Classes End (Day Division)
M December 15	Examination Period † December 15, 16, 17, 18
F December 19	Exam Snow Day Make-Up
T December 23	Grades Due by Noon

SPRING 2015

M January 19	Martin Luther King, Jr. Day - No Classes
T January 20	Classes Begin
M January 26	Add/drop Ends
M February 16	Presidents' Day - No Classes
T February 17	Follow Monday Schedule Fall/Winter Inc Grade Conversion
F February 20	Last Day to Withdraw for Session A
F March 6	Session A Classes End*
M March 9	Spring Break No Classes March 9-13
M March 16	Classes Resume Session B Classes Begin*
F April 10	Last Day to Withdraw for Full Semester Classes
F April 17	Last Day to Withdraw for Session B
M April 20	Patriots' Day - No Classes
TBD	Community Service Day (Classes Held)
M May 4	Classes End (Day Division)
T May 5	Reading Day or Make-Up Day (Day Division)
W May 6	Examination Period † May 6, 7, 8, 11
W May 13	Senior Grades Due by Noon
S May 16	Commencement
T May 19	All Other Grades Due by Noon

SUMMER 2015 †

May 18 – June 26	Summer Session I
May 25	Memorial Day – No Classes
July 6	Grades Due
July 29 – August 7	Summer Session II
July 3	Independence Day Observed – No Classes
August 17	Grades Due

† Check published dates for Evening Division.

FALL 2015

T September 1	Opening Day
W September 2	Classes Begin
M September 7	Labor Day – No Classes
W September 9	Add/drop Ends
W September 30	Spring/Summer INC Grade Conversion
T October 6	Last Day to Withdraw for Session A
M October 12	Columbus Day - No Classes
T October 13	Follow Monday Schedule
W October 21	Session A Classes End *
R October 22	Session B Classes Begin *
W November 11	Veteran's Day - No Classes
W November 18	Last Day to Withdraw for Full Semester
T November 24	Last Day to Withdraw for Session B
W November 25	Thanksgiving Recess Begins 12:30pm. No Classes 11/26-27
M November 30	Classes Resume
F December 11	Classes End (Day Division) †
M December 14	Exam Period † 12/14, 15, 16, 17
F December 18	Exam Snow Day Make-Up
W December 23	Grades Due by Noon

SPRING 2016

M January 25	Classes Begin
F January 29	Add/drop Ends
M February 15	President's Day - No Classes
T February 16	Follow Monday Schedule
M February 22	Fall/Winter INC Grade Conversion
F February 26	Last Day to Withdraw for Session A
F March 11	Session A Classes End *
M March 14	Spring Break - No Classes 3/14-3/18
M March 21	Classes Resume Session B Classes Begin *
F April 15	Last Day to Withdraw for Full Semester
M April 25	Last Day to Withdraw for Session B
M April 18	Patriot's Day - No Classes
TBD	Community Service Day (Classes Held)
M May 9	Classes End (Day Division) †
T May 10	Reading Day or Make-Up Day No classes (Day Division)
W May 11	Exam Period † 5/11, 12, 13, 16
W May 18	Senior Grades Due by Noon
S May 21	Commencement
T May 24	All Other Grades Due by Noon

SUMMER 2016 †

May 23 – July 1	Summer Session I
May 30	Memorial Day – No Classes
July 11	Grades Due
July 5 – August 12	Summer Session II
August 22	Grades Due

* Dates do not apply to practicum, see Education Department.

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University Mission, Values and Vision
(Pending Board of Trustee Approval)

Mission
Westfield State University fosters intellectual curiosity, encourages critical thinking, inspires civic engagement, and promotes a global perspective. A public teaching institution offering quality programs in the liberal arts and sciences with complementing professional studies curricula, we are grounded in our founding principles of academic excellence and educating all in a diverse and welcoming community. Westfield State develops the knowledge, skills, and character essential for students to reach their full potential and become responsible leaders in society. We contribute to the economic, social, and cultural vitality of the region.

Values
We commit ourselves to...
1. Treating all members of our community with dignity and respect.
2. Building community by being inclusive, supporting the personal development of all community members, and embracing multiple perspectives.
3. Maintaining excellence and integrity in all that we do.
4. Supporting civic engagement in local, regional and global initiatives.
5. Making decisions in a transparent and collaborative manner.
6. Providing affordable public higher education.

Vision
Westfield State University will be recognized for its academic excellence and engaged scholarship. The University will graduate well-rounded and creative leaders able to embrace the challenges and opportunities ahead, contribute to their fields, and improve their communities. Students will gain and create knowledge through multiple forms of learning, including experiential education and faculty-led scholarship. Our globally engaged community will include student, faculty/librarians, and staff international exchanges and active explorations of critical world issues.

The programs and functions of the University will be supported with modern facilities, library, and information technology, adequate staffing, and funding to support student and program needs. Westfield State will stand out as an institution operating sustainably, growing responsibly, and maintaining a cohesive, functional, and aesthetically pleasing campus.

Westfield State University will be an inclusive place where decision making reflects the concerns and voices of all parts of the campus community. The University will exemplify how to value diversity and benefit from collaborative decision making. The strong bond among the campus community will make it a place where students, faculty/librarians, and staff want to learn, teach, and work.

University History

Westfield State University was established in 1838 by Horace Mann as the Barre Normal School in Barre, MA. In 1844 the institution relocated to Westfield, MA and re-opened as the Westfield Normal School. Additional name changes: 1932 Westfield State Teachers College; 1960 Massachusetts State College at Westfield; 1967 Westfield State College; and 2010 Westfield State University. Westfield is one of the nine institutions of the state university system.

Accreditation

Westfield State University is accredited by the New England Association of Schools and Colleges (NEASC) and the National Association of Schools of Music (NASM). The teacher licensure programs are accredited by the National Council for Accreditation of Teacher Education (NCATE), and the Massachusetts Department of Elementary and Secondary Education, Educator Preparation and Quality. The Athletic Training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The Health Fitness program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The Social Work program is accredited by the Council on Social Work Education (CSWE). Westfield State University is designated as a Commonwealth of Massachusetts-accredited Emergency Medical Technician (EMT) training institution. The Computer Science program is accredited by the Computing Accreditation Commission (CAC) of Accreditation Board for Engineering and Technology (ABET).

Strategic Plan 2012-2017
(Pending Board of Trustee Approval)

Goal One
Provide a University Experience that Prepares Students for Achievement in a Complex and Evolving Global Environment.
Westfield State University provides opportunities for students to reach their full potential and broaden their worldview through a range of experiences in the classroom and beyond. In the next five years the University should strengthen and refine existing programs that meet these objectives and establish new initiatives to complement the successful efforts underway.
1.1. Increase Support for Academic and Teaching Excellence, and Engaged Scholarship.
1.2. Expand Interdisciplinary Learning.
1.3 Increase International Exchanges for Students, Faculty/Librarians, and Staff.
1.4. Teach Technological and Information Literacy Skills across the Curriculum.
1.5. Complete a Periodic Review of the Common Core of Studies and Implement Recommendations.
1.6 Provide Learning Opportunities for Multiple Constituencies.
1.7 Expand Student Leadership Opportunities.
1.8 Increase Student Involvement in the Life of the University.

Goal Two
Develop a Responsible and Sustainable Growth Management Strategy.
Construction on campus is underway (with more planned in the near future) to update facilities and add new spaces. Such changes are necessary for the University to reach its goals in the areas of: diverse coursework; continuing scholarship; faculty/librarian and staff support; and a vibrant campus life. This work must respect the unique character of the campus and be a role model for how higher education can lead in sustainability.
2.1. Implement Recommendations of 2012 Space Study.
2.2. Develop a Comprehensive Marketing Plan including an Enrollment Cap.
2.3 Require Sustainable and Green Building, Transportation, and Operations.
2.4 Meet the Need for Day Care among Campus Members.
2.5 Hire and Develop the Human Resources Necessary to Service Planned Growth.
2.6 Maintain Optimum Technological Infrastructure.

Goal Three
Expand and Diversify Financial Resources
Funding is necessary for the University to fulfill its mission, and Westfield State has established infrastructure to pursue new sources of giving, research grants, and revenue. This work needs to continue as we are committed to high standards in all we do, yet do not wish to place a financial burden on students.
3.1. Increase the Financial Yield of University Fundraising Activities and State Support.
3.2. Provide Faculty/Librarians and Staff with Support for Grant Writing and Administration, Including Arrangements for Course/Work Reassignment.
3.3 Increase All Forms of Financial Assistance to Meet Student Need and Support a Diverse Student Body.

Goal Four
Strengthen our Community with improved Communication and Collaboration.
The climate of the campus is linked to our ability to learn, teach, research, and work collaboratively and effectively. For all to feel a part of the community requires accountability to our values and effective communication–including engaging in difficult discussions. There is also a need for an easy- to- use vehicle for timely two-way information sharing, so everyone is aware of the many initiatives, events, and deliberations occurring on campus.
4.1. Affirm, with Words and Actions, our Campus-wide Commitment to being an Inclusive and Equitable Community.
4.2 Improve Systems and Tools for Easy and Effective Communication.
4.3 Address the Effects of Physical Fragmentation on Campus Communications.
4.4 Increase Participation in Events and Activities that include all Parts of the Campus Community.

Goal Five
Increase Ways to Connect with and Enrich the Greater Community.
As a public institution of higher education, Westfield State University has a special responsibility to our immediate community and beyond. Over the years, our students, faculty, staff, facilities, and programming have contributed to the community. These initiatives are mutually beneficial and should continue. New ideas about ways to collaborate with the community should be identified and implemented.
5.1. Expand Service Learning Opportunities.
5.2. Promote Faculty-Staff-Student–Community Engagement.
5.3. Participate in the Revitalization of Downtown Westfield.
5.4. Contribute to the Social, Cultural, and Educational Vitality of the Region.

Undergraduate Programs

Students wishing to earn a baccalaureate degree may matriculate in undergraduate degree programs through the Day Division or the Division of Graduate and Continuing Education.

The Day Division program is directed toward the full-time undergraduate student, and offers the full range of activities that typically are associated with an undergraduate institution, including opportunities to participate in intercollegiate athletics, student government, literary and performing groups, to name but a few. The undergraduate population is diverse, ranging from recent high school graduates to older adults. The Division of Graduate and Continuing Education offers a program geared to the needs of the part-time, online and evening student, with an appropriate complement of academic support services available. Classes for Continuing Education students generally are offered at night and online, although students may take day classes on a space available basis.

With very few exceptions, students may enroll in any of the University's undergraduate programs through either division. Academic standards and policies are the same in both divisions, although the methods of implementing specific policies may vary because of the different patterns the undergraduate career may take for full- and part-time students. Such differences are noted in the Bulletin where applicable.

For Day Division students, student records are housed in the Office of the Registrar, and all transactions related to student records and academic programs are executed through that office. The Office of Graduate and Continuing Education provides comparable service for Continuing Education students.

Graduation and Retention Rates

Under Student Right to Know regulations, the federal government requires all institutions of higher education to report annually the six year graduation rate for the cohort of students entering college as first-time, full-time, freshmen six years prior to the report year, as well as the average six-year graduation rate for the last four years. For this reporting year, the cohort comprises students entering in the fall of 2005, and Westfield's reported six-year completion rate is 58%. Our average six year completion rate for students entering 2002-2005 is 59%.

For Westfield's last five classes, students entering Fall 2003 to Fall 2007 and graduating Spring 2007 to Spring 2011, the average four-year completion rate is 44%. For students entering Fall 2002 to Fall 2006, our average five-year completion rate is 57%. The average fall to fall one year retention rates for students entering fall 2006 through fall 2010 is 78%. Westfield State University is pleased that its graduation rates exceed national norms for comparable institutions.

Admission

First-year Admission, Day Division

The Admission staff reviews the applications of students who wish to matriculate in the undergraduate day division and pursue at least 12 credits of course work per semester. A student applying for full-time Day Division admission as a first-year directly from high school must supply the following information:

- The Day Division Application Form and Fee
- College Board SAT Reasoning Test or
  American College Testing Scores (ACT)
- An official high school transcript, beginning with grade 9 and including grades from the first marking period of the senior year, or acceptable evidence of equivalent preparation
- Official transcripts of any college work attempted
- First-year applicants participating in a dual enrollment program as part of their high school experience also must submit a complete listing of college courses attempted. A final official transcript of the dual enrollment experience must be submitted immediately upon its completion.

In addition, first-year applicants must complete the following 16 college preparatory units:

4 units/years of English
3 units/years of Mathematics (Algebra I and II; Geometry or Trigonometry; or comparable course work)
2 units/years of Social Sciences, (including 1 unit/year of U.S. History)
3 units/years of Science, including 2 units with laboratory work
2 units/years of the same foreign language

2 units/years of electives (taken from the above list and/or the Arts and Humanities and Computer Science)

The University has a selective admission policy. In accordance with the guidelines established by the Massachusetts Department of Higher Education and with the approval of the University Board of Trustees, Westfield State University has reserved the right to set higher minimum standards than those published by the Department of Higher Education for the State Universities.

The state Department of Higher Education has established 3.0 (on a 4.0 scale) as the minimum standard for admission to four-year state universities. Applicants with an average between 2.0 and 3.0 in their academic units also may be considered, contingent upon their SAT or ACT scores and other application materials. Specific majors may require additional specific units for admission. Some majors also may require a performance test as part of the admission process.

Exemptions from these guidelines and the 16 units may be granted for applicants who qualify under specific guidelines determined by the Department of Higher Education. Contact the Office of Admission for further information.

Applicants who meet the minimum eligibility requirements are not guaranteed admission to the University. The successful applicant has achieved a solid academic record while maintaining a challenging academic program and will have demonstrated a willingness to contribute to the life of the community.

The first-year filing deadline for fall admission is March 1; the filing date for spring admission is November 15. Admission decisions are made on an individual basis by the Admission staff beginning October 1 for the spring term and late in January for fall, after all required documents are received.

Accepted first-year students attending Massachusetts public high schools must present evidence of passing the M.C.A.S. prior to enrollment. A final, official high school transcript conferring graduation will suffice for this purpose.

First-year Admission, Graduate & Continuing Education

All students applying for admission to an undergraduate degree program must supply the following:

- The Continuing Education undergraduate application
- A $30.00 application fee
- A high school transcript or proof of completion of the General Education Diploma (GED)
- College Board Scholastic Assessment Test Scores (SAT-I) or American College Testing Scores (ACT) (unless applying more than 3 years after high school graduation)
- Official transcripts of any college work attempted
- First-year applicants participating in a dual enrollment program as part of their high school experience also must submit a complete listing of college courses attempted. A final official transcript of the dual enrollment experience must be submitted immediately upon its completion.

Recent high school graduates (students who have been out of high school fewer than three years and have earned fewer than 24 college credits from a regionally accredited college) are subject to an Eligibility Index, established by the Commonwealth, based on class rank and SAT or ACT scores, and must complete the following 16 college preparatory units:

4 units/years of English
3 units/years of Mathematics (Algebra I and II; Geometry or Trigonometry; or comparable course work)
2 units/years of Social Sciences, (including 1 unit/year of U.S. History)
3 units/years of Science, including 2 units/years with laboratory work
2 units/years of the same foreign language
2 units/years of electives (taken from the above list and/or the Arts and Humanities and Computer Science)

The state Department of Higher Education has established 3.0 (on a 4.0 scale) as the minimum standard for admission to state four-year colleges. Applicants with an average between 2.0 and 3.0 in their academic units also may be considered, contingent upon their SAT or ACT scores and other application materials. Under special circumstances, applicants may request an exemption from the Eligibility Index and the 16 units. Such an exemption may be granted for applicants who qualify under specific guidelines established by the Commonwealth.

For students who never have attended college and have been out of high school for three or more years, exemptions from the unit requirements and Eligibility Index established by the Commonwealth may be granted. SAT or ACT scores should be submitted, if available. Westfield State University's College Board code number is 3523. Admission decisions are made on an individual basis upon review of all required materials.

Accepted first-year students attending Massachusetts public high schools must present evidence of passing the M.C.A.S. prior to enrollment. A final, official high school transcript conferring graduation will suffice for this purpose.

Admission Profile, Day Division

Class of 2016 entering Westfield State Day Division September 2012*

SAT-I RANGE	CRITICAL READING	MATH
200-299	0.0%	0.0%
300-399	2.0%	1.5%
400-499	40.0%	32.0%
500-599	48.0%	53.0%
600-699	9.0%	12.5%
700-800	1.0%	1.0%

Mean Grade Point Average: 3.14 on a 4.0 scale (3.00 = B)
Mean SAT-I Scores: Critical Reading: 510 Math: 520

Class of 2016 summary*:
5,429 applications were received
3,151 applicants were accepted
1,015 accepted students enrolled

New transfer student summary, fall 2012 Day Division*:
750 transfer applications were received
407 transfer applicants were accepted
289 accepted transfer students enrolled

* Based on data available at the time of publication.

Transfer Admission

Students who have attempted to complete any transferable course work at a regionally accredited college beyond high school graduation are considered transfer applicants. Transfer applicants who will have attempted fewer than 24 transferable credit hours (36 quarter hours)

by their planned entrance date, regardless of the number of credits successfully completed, must submit:

- The Application Form and Fee (Massachusetts community college graduates are exempt from submitting the fee);
- Official, original transcripts from all colleges attended;
- A copy of their college course schedules in progress at the time of application;
- An official high school transcript and SAT or ACT scores. (SAT or ACT scores are waived for students that graduated high school more than three years prior to their planned enrollment date at Westfield State.)

Students who are attempting their first term of college course work beyond high school graduation at the time of application should be advised that an admission decision will not be made until a final official college grade report or transcript for the term in progress is received. Because this requirement may be difficult to meet within the time allowed for admission processing, especially for January term applicants, we require that students complete at least 12 transferable credit hours prior to submitting an application to transfer.

Transfer applicants who will have attempted 24 or more transferable credit hours by their planned entrance date, regardless of the number of credits actually completed, are required to submit the same credentials as other transfer applicants EXCEPT the SAT or ACT. Also, students who will have earned an associate's degree from a Massachusetts community college by their planned entrance date generally are exempted from submitting the high school transcript.

FAILURE TO SUBMIT COMPLETE, OFFICIAL COPIES OF ALL PREVIOUS ACADEMIC CREDENTIALS CONSTITUTES ACADEMIC DISHONESTY AND WILL CAUSE AN OFFER OF ADMISSION TO BE RESCINDED.

Depending upon choice of major and number of credits earned, the minimum cumulative grade point average generally required for transfer admission consideration, exclusive of developmental or other nontransferable course work, varies from 2.50 to 2.80 (on a 4.0 scale). Qualified Massachusetts community college graduates, particularly those with Commonwealth Transfer Compact, Joint Admissions Program, or MassTransfer Program status are given priority for admission into all major programs of study, provided their applications are filed and all other required documents are received on time.

A student must complete successfully a minimum of one year as a full-time student (30 credits) and all remaining requirements for the major field of study, as well as all other degree requirements, to receive a baccalaureate degree from Westfield. All undergraduate non-matriculated students taking courses through the Division of Graduate and Continuing Education who wish to pursue a degree must matriculate (be accepted into a degree program) prior to the completion of the last 30 credits needed for graduation. In addition, some major programs of study require the completion of a minimum number of credits at Westfield State University.

The Day Division transfer application deadline for fall admission is March 1; the spring filing date is November 15. Day Division applicants to the MassTransfer program should file their MassTransfer forms by the fall priority filing deadline of February 15; the spring priority filing deadline is October 15.

Day Division admission is competitive and not guaranteed to all applicants who meet minimum eligibility standards. Transfer admission decisions are made on an individual basis beginning February 1 for the fall semester and October 1 for the spring semester after all required credentials have been received. The number of transferees accepted will be determined by existing vacancies in each degree program and the number of applicants deemed eligible according to transfer admission standards determined by the Massachusetts Department of Higher Education and Westfield State University. Admission decisions of the Division of Graduate and Continuing Education are made on a rolling basis and take into account the special experiences of non-traditional students.

Once admitted to Westfield State University, the transfer student assumes a new cumulative average that is subject to academic policies established by the University.

Transfer credits are accepted from regionally accredited colleges only, in academic disciplines that are compatible with the Westfield State University curriculum. The minimum transferable grade for these courses generally is C-. Applicants may transfer in a maximum of 90 credits from a regionally accredited institution, of which no more than 67 credits can come from a two-year institution (including AP, CLEP, and military experiences).

Transfer Grade Policy

The minimum acceptable grade will be a C- (1.7).

This policy will not apply to courses completed under the 1990 Commonwealth Transfer Compact. The minimum transferable grade for courses completed under this program generally is D (1.0). D grades will transfer for these students only within the 60-credit guarantee of the compact.

Effective fall 2010, this policy will not apply to courses completed under the MassTransfer program. Community College graduates in designated MassTransfer programs may transfer D grades (1.0) within the 60-credits guarantee of the MassTransfer program. Students who transfer from any Massachusetts public higher education institution may transfer D grades only as part of the completed 34-credit MassTransfer block.

Courses taken at other institutions after a student's initial enrollment at Westfield State University will be treated as if they had been taken at Westfield.

This policy change was implemented for students entering in spring 1995.

Policy On Transferring Older Credits

Transfer credits earned at regionally accredited institutions other than Westfield State University more than 10 years prior to an applicant's planned entrance date are evaluated on a course-by-course basis, and admitted students may be awarded up to a total of 60 credits, which comprises one half of the bachelor's degree. The minimum transferable grade for these courses is C (2.0).

An evaluation of older credits should be done in consideration of the appropriateness and applicability of the credits earned to the programs offered by the University, and according to the following distribution order: first, award credits to the Common Core; second, award general elective credits; and third, consider awarding credits to the intended major program.

To preserve the integrity of a contemporary baccalaureate degree for all graduates of Westfield State University, the appropriate department chairperson, or other designated department faculty member, must evaluate all older credits being considered for the major program as

part of the admission process to determine their current relevance. Further, older credits that otherwise would provide foundation course work in or directly related to the current major program in most cases should not be applied to the major unless the student otherwise demonstrates to the department chairperson, or other designated department faculty member, a sufficient level of proficiency in the subject matter that allows for advanced course placement.

The total number of older credits to be awarded toward the major should not exceed one-third of the total number of credits required for the major program.

Students with older credits awarded in the admission process who subsequently change their major program should have their previously awarded older general elective credits reevaluated by the appropriate department chair, or other designated department faculty member, to determine their current relevance to the newly designated major program. However, such a post-matriculation review of older credits in a new major program should not alter the original total number of credits generally awarded toward completion of the bachelor's degree.
Admitted students who wish to appeal the evaluation of their older credits may submit a rationale for reconsideration in writing through the division to which they applied for admission so long as the 60-credit maximum is not exceeded.

Older credits earned at Westfield State University are not affected by this policy.

This policy change is effective for students entering spring 2004.

Commonwealth Transfer Compact

REQUIREMENTS FOR TRANSFER COMPACT STATUS (SECTION I)

A student shall be eligible for Transfer Compact status if he or she has met the following requirements:

a. Completed an Associate degree with a minimum of 60 credit hours exclusive of developmental course work
b. Achieved a cumulative grade point average of not less than 2.0 (in a 4.0 system) at the community college awarding the degree
c. Completed the following minimum general education core, exclusive of developmental course work:

English Composition/Writing: 6 credit hours
Behavioral and Social Sciences: 9 credit hours
Humanities and Fine Arts: 9 credit hours
Natural or Physical Science:
8 credit hours (including laboratory work)
Mathematics: 3 credit hours

The sending institution is responsible for identifying the transcript of each student who is a candidate for transfer under this compact.

CREDITS TO BE TRANSFERRED (SECTION II)

The 35 credits in general education specified in Section I will be applied toward the fulfillment of the receiving institution's general education requirements.

A minimum of 25 additional credits will be accepted as transfer credits by the receiving institution. These credits may be transferred as free electives, toward the receiving institution's additional general education requirements, towards the student's major, or in any combination, as the receiving institution deems appropriate.

Only college-level course credits consistent with the standards set forth in the Undergraduate Experience recommendations are included under this compact. Credits awarded by the sending institution through CLEP, challenge examinations, and other life-experience evaluations for course credit may be included when the community college certifies that a student qualifies under this compact.

CREDITS BEYOND THE ASSOCIATE'S DEGREE (SECTION III)

To complete the baccalaureate degree, a student who transfers under this compact may be required to take no more than 68 additional credits unless:

a. The student changes his or her program upon entering the receiving institution, or
b. The combination of additional, general education requirements, if any, and the requirements of the student's major at the receiving institution, total more than 68 credits.

Under these circumstances, transfer students will be subject to the same requirements as native students. (The term "native student" refers to students who began their undergraduate education at the baccalaureate institution.)

ADMISSION TO COMPETITIVE MAJORS OR PROGRAMS (SECTION IV)

If, because of space or fiscal limitations, the receiving institution does not admit all qualified applicants to a given major or program, the receiving institution will use the same criteria for applicants who are transfer students under this Compact as it does for its native students.

TRANSFER COORDINATING COMMITTEE (SECTION V)

A Transfer Coordinating Committee, convened by the former Board of Regents, will monitor use of the Transfer Compact, resolve appeals as they pertain to the provisions in this document, and collect and analyze relevant data.

PUBLICATION OF REQUIREMENTS (SECTION VI)

Each public college and university shall include in its official undergraduate catalogue the provisions of the Commonwealth Transfer Compact. A transfer student may not be held to any degree requirements at the receiving institution that were established less than three years prior to transfer admissions.

TRANSFER RECORDS (SECTION VII)

The student with Transfer Compact status will be furnished by the receiving institution a list of courses to be fulfilled to earn a bachelors degree no later than the end of the semester the student enrolls. With the agreement of the student, a copy will be provided to the Transfer Officer at the sending community college.

TRANSFER OFFICER (SECTION VIII)

The President or Chancellor of each public institution of higher education will identify an individual who serves as that institution's Transfer Officer. The Transfer Officer's responsibility will be to assist students with transfer activities.

STUDENT APPEALS
(SECTION IX)
A student who believes that the provisions of this Compact have not been applied fairly to his/her transfer application has the right to appeal.

Initially, differences of interpretation regarding the award of transfer credit shall be resolved between the student and the institution to which he/she is transferring. If the difference remains unresolved, the student shall present his/her evaluation of the situation to the institution from which the student is transferring. Representatives from the two institutions shall then have the opportunity to resolve the differences.

In the absence of a satisfactory resolution, differences on interpretation may be presented to the Transfer Coordinating Committee.

EFFECTIVE DATE
(SECTION X)
The effective date of this compact is January 1990 for students entering public two year colleges with a January 1992 date for students transferring into public four year colleges.

MassTransfer integrates and replaces the Commonwealth Transfer Compact, Joint Admissions, and the Tuition Advantage Program as of fall 2009. Community college students who matriculated prior to fall 2009 and who choose to continue in the Commonwealth Transfer Compact and/or Joint Admissions Program will be required to complete their associate degrees by August 2013 and must matriculate at a Massachusetts state college or University of Massachusetts campus by fall 2014.

Joint Admissions Program
In the fall of 1997, the Massachusetts state colleges and community colleges implemented a system-wide Joint Admissions Program. Students enrolled in the community college system in associate's degree programs designated for Joint Admissions at individual state colleges are eligible to transfer under terms of this agreement.

Qualified students must declare their intention to enroll at Westfield State University by filing the Intent to Enroll Form in lieu of an admission application (no sooner than) one semester prior to their planned enrollment date at Westfield State. The Intent to Enroll Form is available to qualified Joint Admissions students at all Massachusetts community college transfer offices. The priority filing deadline for fall semester enrollment is March 1, and the priority filing deadline for spring enrollment is October 15.

In order to satisfy terms of the Joint Admissions Program, participating students must earn a minimum 2.5 cumulative average (on a 4.0 scale) and an associate's degree in a program of study that is designated for Joint Admissions specifically with Westfield State University at the applicant's community college.

MassTransfer integrates and replaces the Commonwealth Transfer Compact, Joint Admissions, and the Tuition Advantage Program as of fall 2009. Community college students who matriculated prior to fall 2009 and who choose to continue in the Commonwealth Transfer Compact and/or Joint Admissions Program will be required to complete their associate degrees by August 2013 and must matriculate at a Massachusetts state college or University of Massachusetts campus by fall 2014.

MassTransfer Program
In June 2008, the Board of Higher Education accepted the Final Report from the Commonwealth Transfer Advisory Group which included a new statewide transfer policy: MassTransfer. MassTransfer seeks to provide a broad population of students with straightforward and understandable options toward the completion of associate and baccalaureate degrees, clearing the way for student access and student success in Massachusetts' public higher education system.

MassTransfer has two main purposes:
- to provide community college students who complete approved associate degrees under MassTransfer with the benefits of the full transfer and applicability of credit, guaranteed admission, and a tuition discount (each benefit based on the student's final grade point average) to linked baccalaureate programs; and
- to provide any student in the Massachusetts public higher education system the intermediate goal of completing a portable transfer block ("MassTransfer Block") which satisfies general education/distribution/core requirements across institutions (with the receiving institution able to add no more than six additional credits/two courses). The determination of the 2 classes will be based on omissions in the student's transcript in relation to the Westfield State University core requirements.

MassTransfer integrates and replaces the Commonwealth Transfer Compact, Joint Admissions, and the Tuition Advantage Program as of fall 2009. Community college students who matriculated prior to fall 2009 and who choose to continue in the Commonwealth Transfer Compact and/or Joint Admissions Program will be required to complete their associate degrees by August 2013 and must matriculate at a Massachusetts state college or University of Massachusetts campus by fall 2014.

Students matriculating in fall 2009 as well as currently enrolled students may accumulate courses leading toward the completion of an approved associate degree under MassTransfer or the MassTransfer Block. The policy benefits will apply to students who complete either an approved associate degree or the MassTransfer Block beginning fall 2010, regardless of initial date of enrollment.

A student seeking readmission as a matriculated student to an institution previously attended–whether on a full-time or part-time basis–is held to the receiving institution's readmission policies.

Section I: For students completing an associate degree under MassTransfer at a Massachusetts community college.

A student completing an associate degree program under MassTransfer will have graduated with a minimum of 60 credit hours and will have completed the following 34-credit general education transfer block, exclusive of developmental coursework:

English Composition/Writing, 6 credit hours
Behavioral and Social Sciences, 9 credit hours
Humanities and Fine Arts, 9 credit hours
Natural or Physical Science, 7 credit hours, including one 4-credit lab
Mathematics/Quantitative Reasoning, 3 credit hours

Each associate degree program under MassTransfer is linked to baccalaureate degrees and schools at the Massachusetts state colleges and University of Massachusetts campuses across the Commonwealth. The list of associate degree programs and linked baccalaureate programs under MassTransfer will be available at www.mass.edu/masstransfer,

as well as on the transfer websites at the individual public higher education institutions.

Benefits
A student completing an associate degree who seeks admission to a linked baccalaureate program under MassTransfer will be entitled to the following benefits based upon the final cumulative grade point average at the community college awarding the degree:

A. A final cumulative grade point average of a 2.0 or higher
   i. Waives the admissions application fee and essay
   ii. Guarantees the full transfer of college-level credits, including "D" grades, applied to the degree requirements of the linked baccalaureate degree or school at the state college or University of Massachusetts campus such that the MassTransfer student will be required to complete no more credits or courses than a native student with the following stipulations:
   - The student changes his or her major.
   - If the linked baccalaureate program requires a higher grade point average or specific courses for the major which are required of native students, the MassTransfer student must meet these requirements.

   iii. Satisfies the general education requirements at the receiving institution with the receiving institution able to add no more than six additional credits / two courses in compliance with the New England Association of Schools and Colleges' Standards for Accreditation. This will apply when the receiving institution already places these requirements on its native students and will determine at its discretion which credits, if any, shall be required.

   Note: College-level course credits consistent with the standards set forth in the Undergraduate Experience recommendations are included under *MassTransfer*. Credits awarded by the sending institution through CLEP, challenge examinations, and credit for prior learning shall be included when a student qualifies under *MassTransfer*.

   Please be advised that Westfield State's minimum transfer standard is higher than 2.0 and varies by major.

B. A final cumulative grade point average of a 2.5 or higher
   i. Grants all of the benefits outlined in section 1A.
   ii. Guarantees admission to the linked baccalaureate degree or school at a Massachusetts state college or University of Massachusetts campus with the following stipulations:
   - If the linked baccalaureate program requires a higher grade point average which is required of native students, the MassTransfer student must meet this requirement.
   - If, because of space or fiscal limitations, the receiving institution does not admit all qualified applicants to a given major or program, the receiving institution will use the same criteria for MassTransfer applicants as it does for its native students.
   - Students must be in good academic, fiscal and disciplinary standing with all previous institutions.
   - Admission to Westfield's education licensure programs requires a 2.60.

C. A final cumulative grade point average of a 3.0 or higher
   i. Grants all of the benefits outlined in sections 1A and 1B.
   ii. Guarantees a tuition waiver equal to 33% of the Massachusetts resident tuition rate at a state college or University campus for two years of undergraduate enrollment with the following requirements:
   - Enrollment is continuous at the state college or University campus.
   - The student earns a cumulative grade point average of a 3.0 or higher for the first year of enrollment at the state college or University of Massachusetts campus.
   - The 33% tuition waiver will be awarded to qualified students upon receipt of an official degree-bearing transcript or letter from the sending institution's Registrar stating that degree requirements are completed before transferring to Westfield State.

Section II: For students completing the general education transfer block at any Massachusetts higher education institution with a 2.0 or higher grade point average.

A student completing the general education transfer block will have earned the following 34 credit hours outlined below, exclusive of developmental coursework.

English Composition/Writing, 6 credit hours
Behavioral and Social Sciences, 9 credit hours
Humanities and Fine Arts, 9 credit hours
Natural or Physical Science, 7 credit hours, including one 4-credit lab
Mathematics/Quantitative Reasoning, 3 credit hours

Benefit
Students completing the 34-credit general education transfer block (exclusive of developmental coursework) with a 2.0 or higher grade point average will be entitled to the following benefit:

Satisfies the general education requirements at the receiving institution with the receiving institution able to add no more than six additional credits / two courses in compliance with the New England Association of Schools and Colleges' Standards for Accreditation. This will apply when the receiving institution already places these requirements on its native students and will determine at its discretion which credits, if any, shall be required. Students enrolled in a specific major or degree program may be required to take additional courses if these courses are specifically required for the major or program and are required of native students. The determination of the 2 classes will be based on omissions in the student's transcript in relation to the Westfield State University core requirements.

Transfer Credit Appeals Process

Students who question the evaluation and awarding of transfer credits earned prior to their enrollment date at Westfield State University should submit an appeal in writing to the Admission Office. The Associate Director of Admission & Articulation Coordinator will review the appeal and consult, on an as-needed basis, with the appropriate academic department chair(s) and the Director of Admission. If resolution is not reached at this level, the matter will be brought to the Vice President of Enrollment Management and the Vice President of Academic Affairs, or his/her designee, for a final decision.

Quinn Bill Transfer Admission Guidelines For Criminal Justice Majors

Transfer applicants to the Criminal Justice major are advised that Massachusetts Quinn Bill legislation allows credit to be transferred toward the bachelor's or master's degree from institutions that are regionally accredited by agencies recognized by the U.S. Secretary of Education. Credit may not be transferred for life experience, secondary school tech.-prep. course work, military service or schooling, or

police academy or other training. (However, credit for ROTC course work generally is transferable.) A maximum of 10% of a previously completed degree (6 credits of a 60-credit associate's degree; 12 credits of a 120-credit bachelor's degree) may transfer as credit for knowledge-based examinations, such as AP, CLEP, or Dantes. Quinn Bill guidelines supersede the benefits of the Commonwealth Transfer Compact and the Massachusetts Joint Admissions and MassTransfer Programs.

Quinn Bill students who change academic programs may request that their transfer credits be reevaluated.

International Student Admission

Any international student seeking admission to the University must submit the same information and meet the same requirements established for first-year or transfer applicants. Additional required application documents include, where applicable: Official English translations of all secondary and post-secondary school transcripts and examination results; official copy of the Test of English as Foreign Language (TOEFL) for students whose native language is not English (550 paper test minimum score; 213 computer test minimum score; 80 internet minimum score); bank-notarized Certification of Finances Form and a bank statement; English translations of course descriptions and school accreditation information, and a photocopy of the applicant's current Visa, and/or I-20 form (applies to transfer students only).

All original academic transcripts and examinations, plus English translations, must be submitted directly to the Center for Educational Documentation, in Boston, MA, by the Day Division filing deadline, noted below. An evaluation fee will be assessed to applicants for this service by the Center. For more information, contact the Center at www. Cedevaluations.com. TOEFL information may be obtained by contacting the University Board Educational Testing Service in Princeton, NJ.

All international applications to the Day Division (for fall semester admission only) must be received by March 1 for entrance the following September. International students applying to the Division of Graduate and Continuing Education may apply throughout the year.

Permanent resident applicants with academic credentials from institutions outside of the US also must have their international documents evaluated by the Center for Educational Documentation in Boston, MA.

Academic Records

Internal Transfer, Day Division And Continuing Education

Enrolled full-time day students who wish to change their matriculation status to part-time or evening enrollment may do so without formally applying to the Division of Graduate and Continuing Education. Student must have earned a minimum 2.0 institutional GPA. Requests to transfer academic records from the Office of the Registrar to Continuing Education will be processed within specific time periods. Admittance is on a space-available basis. Day students should fill out an "internal transfer" application in the Office of the Registrar.

Similarly, students enrolled in undergraduate degree programs through the Division of Graduate and Continuing Education who wish to change their status to full-time day enrollment may do so without formally applying to the Day Division. Students must have successfully earned a minimum of 24 Westfield State University credits with a 2.5 institutional GPA or greater. Academic departments reserve the right to have higher admission standards. Admittance is on a space-available basis. Requests to transfer academic records from Continuing Education to the Office of the Registrar will be processed within specific time periods. Evening students should fill out an "internal transfer" application available in the Division of Graduate and Continuing Education office.

Both divisions use the same standards for the evaluation of courses to be accepted in transfer. For students switching divisions, both the offer of acceptance and the awarding of any transferable credits toward a degree program granted by one division become binding upon the other division. Students will be officially notified in writing by their new division that their transfer was approved and what steps are necessary to register for classes.

Readmission

DAY DIVISION

Students who leave Westfield State University because of academic failure are readmitted through the Office of the Registrar. Eligibility to return is determined by the Chair of the Committee on Academic Standing. In order to return, students must take enough courses at another accredited college to raise their cumulative grade point average to the level required for the number of credits they have attempted (see Academic Standing).

Students who withdraw from the University in good academic, financial, and disciplinary standing also may be readmitted through the Office of the Registrar depending upon their choice of major, either former or new, and the availability of space. Students absent five years or more will be subject to current course and other applicable requirements for their intended major, former or new, as well as current Common Core requirements, and space availability, as determined by the Registrar.

Any student denied readmission through the Office of the Registrar may apply for readmission through the Office of Admission in the Student Administrative Services Center. These students will be subject to current admission procedures and standards, as well as space availability.

Students who have been withdrawn or dismissed by the University for disciplinary, financial, or other non-academic reasons may not reenter until the readmission conditions established at the time of withdrawal have been met.

Students who are seeking readmission should inform the Office of the Registrar as early as possible prior to their return in order to facilitate course placement.

CONTINUING EDUCATION

For students seeking readmission to the Division of Graduate and Continuing Education (DGCE), the policy remains as stated above; however, readmission is handled by the DGCE.

Financial Aid

The primary purpose of the Financial Aid office at Westfield State University is to assist eligible students in meeting their educational expenses through a variety of federal, state, institutional and private programs. Assistance can be in the form of gift aid (grants and scholarships) and self-help programs (loans and work-study). The financial Aid Office serves to assist students throughout the financial aid process.

For additional information, call (413) 572-5218, e-mail financialaid@westfield.ma.edu or visit westfield.ma.edu/financialaid.

Policies And Criteria

The policies and criteria for awarding financial aid are as follows:

1. The philosophy of financial aid is that the family has the responsibility to meet as much of the educational costs of their children as is reasonably possible. Financial Aid is a supplement to the family resources.

2. The Free Application for Federal Student Aid (FAFSA) must be completed before March 1st in order to receive priority consideration. FAFSAs submitted after the deadline will be considered on a funds-available basis. The most efficient way to file the FAFSA is electronically at www.fafsa.ed.gov. Before you complete the FAFSA, it is important to obtain a PIN number for both the student and the parent. You can request a PIN at www.pin.ed.gov. The PIN will be sent to your e-mail address. Please protect your PIN by keeping it in a safe place.
3. In addition to the FAFSA, students may be required to submit appropriate parent and student income verification to the Financial Aid Office.
4. Financial aid awards are not renewed automatically. Students must reapply for aid each year.

Satisfactory Academic Progress and Financial Aid

Full-time students must be enrolled for at least 12 credits each semester. This determination is made at the end of the ADD/DROP period each semester. Financial Aid awards are adjusted proportionately by credits carried for those in part-time attendance through the Division of Graduate and Continuing Education.

Students must make satisfactory academic progress toward an undergraduate degree by successfully completing at least 21 graduation credits each academic year (only 10.5 credits if enrolled for one semester during that academic year). Westfield State University has two special admission opportunities, the Learning Disabilities Program and the Urban Education Program. Students enrolled through either program are held to a standard of 18 graduation credits each year (only 9 credits if enrolled for one semester during that academic year). The maximum time frame to complete an undergraduate degree cannot exceed 150% of the published length of the program. For instance, if the published length of an academic program is 120 credit hours, the maximum time frame in which to complete the program could not exceed 180 attempted credit hours (120 x 1.5). These standards are adjusted proportionately for those students in part-time attendance through the Division of Graduate and Continuing Education. Credits are awarded for a course grade of D or better. Day students who fail to meet this requirement at the end of the spring semester will be notified by the Financial Aid Office and will be ineligible for financial aid for the next academic year. However, students who are deficient in credits may use the summer following the academic year to earn additional credits to meet the satisfactory progress standard.

Appeals regarding satisfactory academic progress and financial aid eligibility may be submitted in writing to the Satisfactory Academic Progress Appeals Committee, attention Catherine Ryan. Financial Aid for approved appeals will be awarded as funding allows.

Federal Programs

Westfield State University participates in the following federal programs: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (SEOG), Federal Perkins Loan, Federal Work Study (FWS), Federal Direct Loan (subsidized and unsubsidized), and Federal Direct PLUS.

State Programs

Westfield State University participates in the following state programs: Mass Grant, Mass Cash Grant, and Financial Aid Tuition Waiver.

Institutional and Private Programs

Westfield State University offers a variety of Institutional Grants and Scholarships annually, which are credited toward college expenses. The Institutional Grants are based on academic merit or financial need and the Institutional Scholarships are based on academic merit and community service.

Cost of Attending Westfield State University

FULL-TIME DAY DIVISION STUDENTS *

	FALL 2012 SEMESTER	SPRING 2013 SEMESTER	TOTAL YEAR
TUITION:			
Tuition for Massachusetts Residents**	$485.00	485.00	970.00
Tuition under the proximity clause of the NEBHE New England Regional Student Program	$727.50	727.50	1,455.00
Tuition for Non-Resident and International Students	$3,525.00	3,525.00	7,050.00
ROOM:			
Courtney Hall and Standard Residence Hall Room	$2,660.00	2,660.00	5,320.00
Apartments	$3,360.00	3,360.00	6,720.00
New Hall (single)	$3,860.00	3,860.00	7,720.00
New Hall (double)	$3,485.00	3,485.00	6,970.00
Single Room additional charge (if applicable)	$300.00	300.00	600.00
Lansdowne (double)	$3,450.00	3,450.00	6,900.00
Lansdowne (single)	$3,850.00	3,850.00	7,700.00
BOARD:			
19-Meal Plan (includes $150.00 Flex Dollars)	$1,716.50	1,716.50	3,433.00
14-Meal Plan (includes $150.00 Flex Dollars)	$1,674.00	1,674.00	3,348.00
10-Meal Plan (includes $150.00 Flex Dollars)	$1,632.00	1,632.00	3,264.00
5-Meal Plan (commuters and apartment residents only) (includes $50.00 of Flex Dollars)	639.00	639.00	1,278.00
MANDATORY FEES:			
Student Activity Fee	$56.50	56.50	113.00
General Fee	$2,757.00	2,757.00	5,514.00
Technology Fee	$800.00	800.00	1,600.00
Capitol Improvement Fee	$50.00	50.00	100.00
OTHER FEES:			
Student Teaching (each practicum placement)	$100.00		
Over Credit Fee (greater than 18 credits per semester)	$70.00	per credit/35.00 per half-credit	
Tuition Surcharge (greater than 141 credits)	$235.00	per credit	
Late Payment Fee	$100.00		
Late Registration Fee	$25.00		
Bad Check Fee	$25.00		
Reinstatement Fee	$50.00		
Parking Decal	$30.00	Motorcycle	
	$100.00	Commuter and South Lots	
	$100.00	Main Lot	
Student ID	$10.00		
Student ID Replacement	$30.00		
Nursing Fee	$500.00	per semester	
WAIVABLE FEES:			
Student Health Insurance	$1,261.00	August 1, 2012 – July 31, 2013	
	$742.00	Spring semester only	
MASS PIRG	$9.00	per semester	
Wellness Center	$92.50	per semester	
Hall Activity Funds	$30.00	per year	
DEPOSITS (NON-REFUNDABLE):			
Tuition Deposit (New Student)	$150.00		
Residence Hall Reservation Deposit (Returning Student)	$200.00		
Residence Hall Reservation Deposit (New Student)	$150.00		
Wait List Deposit	$35.00		

* The schedule of fees and tuition, methods of payment, and refund policies are valid at the time of publication and are subject to change as required without advanced notice.

** Tuition is free for persons 60 years of age and over. Admission is granted on a space-available basis. All fees are payable for tuition-free students.

CONTINUING EDUCATION DIVISION UNDERGRADUATE STUDENTS *

TUITION AND INSTITUTIONAL FEES

Tuition/Fees	$260.00**	per credit
Audit (Select classes only.)	$50.00	per credit

FEES

Mandatory Health Insurance Fee (9 or more credits)	$1,261.00	(may be waived if student has comparable coverage on another policy)
Commencement Fee	$75.00	(assessed during semester of graduation)
Returned Check Fee	$25.00	per check
Late Withdrawal Fee	$25.00	
Late Registration Fee (non-refundable)	$50.00	
Official Letter Fee	$5.00	(each)
PVTA Bus Pass	$8.00	
Science Lab Fee	$10.00	
Transcript Fee	$2.00	(per copy)
Transcript Fee (one-day processing)	$5.00	(per copy)
Student Teaching (each practicum placement)	$100.00	
Student ID Card	$10.00	
Replacement ID Card	$30.00	
Parking Fee (annual sticker)	$60.00	Fall registration
	$30.00	Spring registration
	$30.00	Summer registration
	$100.00	Cross-registered students taking Day classes
Service Charge for past due balances	$10.00	(charged each month an account is past due)
Delayed Payment Fee (non-refundable)	$100.00	
Nursing Fee	$500.00	per semester

* The schedule of fees and tuition, methods of payment and refund policies are valid at the time of publication and subject to change as required without advance notice.

** Includes $85 per credit tuition, $75 Registration Fee (non-refundable), $75 Educational Service Fee (non-refundable after semester start), and other instructional fees.

Tuition is free for persons 60 years of age and over who are Massachusetts residents. Admission granted on a space-available basis. Tuition-free students are responsible for paying all fees.

Tuition Surcharge Policy

Effective fall 1999, the Board of Higher Education has adopted a tuition surcharge to assess the full cost of education for continuously enrolled native students who accumulate an excessive number of credits. The term "excessive credit hours" is defined as 118% of academic degree program credit hour requirements. Any student who is enrolled in over 141 accumulated credit hours will be assessed $235.00 for each credit hour over 141. Appeals may be submitted to the Associate Dean of Academic Achievement.

Institutional Refund Policies

Withdrawal Refund Policy

Commitments to faculty, staff, and other costs of operation are made by the University in advance of the school year. They are based on anticipated student enrollment and residence hall occupancy and are not subject to change.

To be eligible for a refund, a student must withdraw formally from the University (see Procedure for Withdrawing from College). At this point, the date of withdrawal for refund purposes is determined. This date will be used by the Office of Student Accounts to determine the amount of refund for tuition, mandatory fees, room, and board. Withdrawal forms may be obtained in the Office of the Registrar for Day Division students, or at the Graduate and Continuing Education Office for Continuing Education students.

A student who leaves the University without "officially" notifying the Office of the Registrar (Day students) or the Division of Graduate and Continuing Education Office (Continuing Education students) in person or in writing forfeits all rights to a refund (within Title IV regulations).

When a student withdraws before 60% of the semester has been completed (typically the ninth week of classes), the University is required under federal statute, to refund federal and/or state financial aid funds on a pro-rated basis. The calculation is based on the amount of time the student was enrolled in the semester. For example, a student who completes only 23% of the semester will keep only 23% of his/her federal and/or state funds. The remaining 77% will be returned to the appropriate source. Funds are returned to the federal and/or state source as follows: Federal Direct Loans, Perkins Loans, Plus Loans. Once loans are satisfied, remaining unearned funds are distributed to Pell Grant, then to SEOG, and then to other Title IV funds requiring a refund. This policy is in accordance with the 1998 Financial Aid Reauthorization Act. It will be reviewed annually by the Vice President of Finance and the Board of Trustees. This policy also is subject to change without prior written notification.

Tuition, Mandatory Fees, Room, Board

Refund Policy schedule for tuition, mandatory fees, room and board:

DAY DIVISION

Withdrawals prior to the first day of classes	100%
Withdrawals during the first two weeks of classes	80%
Withdrawals during the third week of classes	60%
Withdrawals during the fourth week of classes	40%
Withdrawals during the fifth week of classes	20%
Withdrawals after the fifth week of classes	No Refund

GRADUATE AND CONTINUING EDUCATION

Prior to first class meeting	100%*
Prior to second class meeting	75%
Prior to third class meeting	40%
After third class meeting	No Refund

* Before semester starts, no refund made on $75 registration fee. After semester starts, but before first class meeting, no refund on $75 Registration Fee and $75 Educational Service Fee.

In addition there will be no refunds made on the following fees after classes begin: Late Payment Fee, Delayed Payment Fee, and Student Identification fee.

This policy is in accordance with the 1998 Financial Aid Reauthorization Act. It will be reviewed annually by the Vice President of Finance and the Board of Trustees. This policy also is subject to change without prior written notification.

Refunds of Other Fees

There will be no refunds on the following after classes begin: Parking Permit Fee, Student Teaching Fee, Late Registration Fee, Late Payment Fee, Bad Check Fee, Student Insurance Fee, MASS PIRG, Hall Activity Funds, Wellness Center Fee, and Installment Plan fee. There are no refunds on tuition and room reservation deposits.

Refund Date

Due to the extremely heavy clerical demands during registration and the beginning of a semester, refunds should not be expected until at least four weeks after the start of a semester.

Payment of Bills

Day Division

The University expects that all bills will be satisfied by the due date as stated on the bill. Generally, bills can be satisfied in one of the following three ways:

1. A student may pay his/her bill in full;
2. A student may apply financial aid, scholarships, waivers, etc., to the bill and submit payment for the balance,
3. A student or parents may establish a contract with the University payment plan that will satisfy the bill.

Bills not satisfied by the due date will be assessed a late payment fee of $100.00. The University reserves the right to assign delinquent accounts to a collection agency. Collection costs of 33.3% of the amount due will be added to the account.

Failure to meet these requirements will result in administrative withdrawal from the University. Students will lose all rights and privileges as students at Westfield State University and will not be allowed reinstatement until the bill is satisfied in full and upon payment of a $50.00 reinstatement fee and a $100.00 late fee.

Continuing Education

Continuing Education students are expected to pay their bills at the time that they register for classes, unless an alternate payment plan has been agreed on at that time. Pre-registration bills must be paid by the semester billing date published in the term catalogue. A service charge of $10.00 per month will apply to past due balances, charged each month an account is past due.

Policy Regarding Outstanding Debts

It is the policy of the Board of Trustees that students who are listed by the Bursar's Office or the Division of Graduate and Continuing Education of Westfield State University as having unpaid debts for tuition fees, room, board, medical, or other college related charges where said debts have not been discharged by operation of law or where deferred payment of said debts has not been agreed to by said college, the student will not (1) be issued a diploma to which said student might otherwise be entitled; (2) be permitted to register for any program at any state college for which said student might otherwise be eligible; (3) be furnished a certified copy of any state college transcript (unless said transcript is needed to obtain benefits in the United States Armed Forces), although said student will be entitled, upon written request, to inspect and review uncertified copies of transcripts; or (4) receive grade reports.

Student Affairs

The Division of Student Affairs is comprised of various departments including Residential Life, Campus Center, Health Services, Student Conduct, Career Services, Public Safety, and Counseling Center. Other programs include New Student Orientation, Commuter Services, and general student services.

The Division fosters the development of knowledge, skills, and values vital to students' personal, professional, and global success.

Each year the Division of Student Affairs publishes a student handbook containing University policies and student conduct regulations. Students are advised to obtain and read the student handbook, also available at: westfield.ma.edu/studenthandbook. A limited supply of the printed version of the student handbook is available at the Office of Student Affairs, Ely Campus Center Room 208. The printed version is abridged and contains only the student-conduct regulations and procedures.

Many of the student services provided by the Division of Student Affairs are available to Continuing Education Division students. A complete list of services available to students in the Continuing Education Division may be found in the Student Handbook of the Division of Graduate and Continuing Education, available in the Continuing Education Office, at The Horace Mann Center, 333 Western Avenue.

Residential Life

Residential Life promotes personal development and civic engagement. We are committed to making our Residential Life Program an important component of a student's overall educational experience. A variety of secure, well-maintained facilities and living arrangements is available, with each hall staffed by a full-time professional residence director, student resident assistants, maintenance staff and security personnel, and served by an elected Hall Council.

A dining plan is mandatory for all resident students except those in the University apartments. Three plans are available: a 19-meal plan, a 14-meal plan, and a 10-meal plan. Students may elect any of these plans. Commuting students and College apartment residents may also purchase a dining plan, if they wish with the added option of a 5-meal plan. The University also offers a debit-point plan and a declining meal plan. Several on-campus good venues also offer dining services on an à la carte-basis.

Commuter Services

Sometimes students feel disconnected, unsupported, uninformed, and alone living off campus. At Westfield, Commuter Services help students to ease these anxieties and to get connected with others, be informed of campus events, and to participate in the life of the University.

Student Affairs administrators and staff reach out to commuting students in many ways. We:

- Attend Commuter Council meetings and advise the Council on all matters pertaining to students
- Advocate for student interests advanced by the Council
- Disseminate information to students daily through the Commuter Services website and Outdoor Screens on campus; and, a Commuter Newsletter delivered quarterly via email distribution
- Facilitate planning and production of Council activities and events for commuting students
- Introduce new students to Commuter Services and the Commuter Council during the summer orientation program
- Maintain off-campus housing listings generated from leads provided by area property managers and owners
- Recommend and oversee the annual SGA operating budget for Commuter Council activities and events

Commuter Council officers continuously seek ways to improve student life at Westfield. Council officers:

- Conduct weekly Council meetings, entertain student issues/concerns and maintain Council records and rosters
- Contribute news and information for the Commuter Newsletter and various College calendars and websites
- Plan, produce and host Council activities and events for commuting students
- Recruit students to serve on the Council and to represent the Council at the Student Government Association

Visit Commuter Services online or contact a Commuter Council Officer or Faculty/Staff Advisor for further information.

New Student and Parent Orientation

The Westfield State University New Student and Parent Orientation program is housed within Residential Life. The primary program includes summer orientation sessions for all first-year students and parents in June. Separate programs are held in June and January for transfer students. An overview of the program can be found through the University web page by selecting "New Student Orientation". For additional information contact orientation staff at (413) 572-5619.

Student Conduct

In the interest of maintaining order on the campus and guaranteeing the broadest range of freedom to each member of the community, some regulations have been developed by students, faculty, and staff acting in concert. These regulations reasonably limit some activities and also proscribe certain behaviors which are harmful to the orderly operations of the University and the pursuit of its legitimate goals. Violations of these regulations will be handled by the University student conduct procedure, which is established to resolve complaints of nonacademic student misconduct. The student conduct procedure is designed to protect due process rights and reach decisions that are in the best interest of both the student and the University. Students charged with misconduct are afforded the right to a written notice of charges, the right to a fair and impartial hearing, and the right of appeal.

The full text of student conduct regulations and student conduct procedures may be found in the Westfield State University Student Handbook available at the Office of Student Affairs, Ely Campus Center, Room 208, or online at: westfield.ma.edu/studenthandbook.

Veteran and Military Services

The Veteran Services Office is a dedicated resource center for current and former military members and their families who are students, staff, or faculty at Westfield State University. The primary function of the office is to advise and assist students and prospective students in applying for Veteran Administration educational benefits and certifying enrollment for current students. In addition Veteran Services also coordinates Veteran and military specific campus activities and acts as an advocate for the Veteran population on campus.

The Veteran Services Office can also, in some instances, assist Veterans and their families in obtaining mental health counseling, financial aid, career placement help, and assistance in applying for Veteran Administration health benefits.

Information is also available at the Veteran Services Office for those students who are interested in enlisting in any one of the armed services or becoming a part of the Army or Air Force ROTC programs.

The Veteran Services Office is located in the Horace Mann Center, Garden level, next to classroom one. Call (413) 572-8370 or go to our web page at http://www.westfield.ma.edu/veterans for more information.

Health Services

The Health Services Department is available to all full time undergraduate students regardless of personal health insurance coverage. Serious emergencies are transported to Noble Hospital by City ambulance or the University's Department of Public Safety. The Department is staffed by a clerk, registered nurses, nurse practitioners and a consulting physician, who works part-time during the academic year. Health Services exists to meet the immediate health needs of students and provide follow-up treatment and other health related services inclusive of women's health care during the academic year.

Allergy immunotherapy is not offered by the Department due to guidelines imposed by the Academy of Asthma and Immunotherapy. Allergists Jonathan Bayuk DO and Vanessa Van Stee MD can be referred to for allergy immunotherapy in Westfield at telephone (413) 562-3364 (check insurance for coverage benefits). Also the Department doesn't manage prescriptions for learning disabilities.

The Department of Health Services requires Medical Health Forms to comply with University Policy and the Massachusetts Department of Public Health mandates on immunizations. (See reference in Non-Academic Policies section of Bulletin).

Brochures about the University Health Insurance are distributed with tuition bills and information about the University Student Health Insurance can also be obtained from the website www.universityhealthplans.com/brochures_pdf/MSCS_SOB1011.pdf and westfield.ma.edu/healthservices. Insurance enrollment verification forms for students covered by their parents' insurance can be printed from the student's "My Westfield" account under the Academics tab of this website and select the Registrar's office.

All medical information is confidential and defined as protected health information under federal regulations and cannot be released without written permission from the student.

The University's Notice of Privacy Practices can be located at westfield.ma.edu/privacypolicy. Medical information can be released by Court order but the Office of the Registrar attempts to notify the student of court requests.

The Counseling Center

The Counseling Center, located next to the Career Services Office in Lammers Hall, exists to serve students by offering short-term personal counseling and consultation. Counselors offer individual, group, and couple counseling, and also are available to provide consultation and referral services to any member of the Westfield State University community. The Counseling Center focuses on personal growth and the development of effective life management and problem solving skills. The Counseling Center staff is knowledgeable about the various student support services offered on campus, and often refers students to offices that may be able to address their needs. If students require more comprehensive psychological services, counselors will assist students in finding an appropriate referral in the greater Westfield area or in their home communities. All counseling is strictly confidential except in cases of life-or-death emergencies, or by court order. Information about student clients can be released only with the written consent of the student.

The Counseling Center also provides the contracted services of a nutritionist who is available to any member of the University community. Appointments are made through the Counseling Center's secretary, and individuals seeking the nutritionist's services do not have to be clients of the Counseling Center.

The Counseling Center has a resource library, which holds books, pamphlets, videotapes and audiotapes on various topics related to life management and psychological health. Within this collection exists the GLBT resource library. All resources are available to the University community and may be utilized during office hours without making an appointment. The Counseling Center website, westfield.ma.edu/counseling, provides complete information about the Counseling Center and its services, as well as links to other resources of interest to students, faculty, and staff.

For additional information, please contact the Counseling Center office, located in the Lammers Hall Annex, at (413) 572-5790.

Campus Center And Student Activities

The Ely building is anchored by the Campus Center and the Westfield State Library and it provides space for many other College departments, programs and services. Here is brief summary of services and activities available at the Campus Center.

Aerobic Exercise & Dance Classes
Art Department Gallery
Beverage & Snack Vending
Bookstore, Barnes & Noble
Campus Directory Assistance
Cash Services – Car Wash Coupons, Event Tickets,
Fax Service, Poster Printing, Trip Reservations and USPS Postage
Classrooms & Meeting Rooms
Commuter Services
Cyber Café, Mac Lab and Multicultural Media Center
Dining Services (Subway and Dunkin' Donuts)
Ely Studio Theater
Indoor Swimming Pool
Locker/Shower Rooms & Towel Service
Lost and Found
Outdoor Screen Message Boards (Main Campus)
Passenger Van Reservations & Van Sign-Out/Sign-In
Personal Fitness and Assessment
Peter Pan Bus Company and PVTA Bus Schedules
Racquetball Court
Recreation & Leisure Activities
Request Space & Space Reservation Assistance
SGA-recognized Student Clubs & Organizations
Special Events
Strength Training & Conditioning
Student Activity Programming
Student Affairs Vice President
Student Information & Referrals
The Voice, Student Newspaper
Theater Arts Program & Ticket Information
Vendor Exhibits & Sales
Wellness Center
Westfield Bank ATM

WSU-TV Station
WSKB 89.5FM Student Radio Station

For more information contact:
Amy Szlachetka (Management), 413-572-5443
Maureen A. Johnson (Main Office), 413-572-5648
Siddharth Lodaya (Service Window), 572-5449
Jessika L. Murphy (Student Activities), 413-572-5442
Kamal Makkiya (Wellness Center), 413-572-5500

Career Services and Cooperative Education

The Career Center is dedicated to helping students and alumni of Westfield State University develop and implement career and graduate school plans. Career planning is a process of individualized development which must be nourished during the entire period of a student's involvement with the University. To assist students with this planning process, the Career Center engages in a variety of programs and services including career counseling, career resource library, career-preparation workshops and seminars, alumni networking, career fairs and on-campus recruitment.

Career Advising

The Career Center includes a staff of professional counselors available to assist students at all stages of their undergraduate program. Students are encouraged to begin as early as their first year to explore, evaluate, and formulate career plans and seek out opportunities to test career paths. Advising is available for those seeking a major, planning for graduate school, or conducting an effective job search. On-line and print resources supplement individual and group advising. Workshops and seminars offered throughout the academic year provide additional guidance.

Career Programs and Services

The Career Center sponsors a wide range of programs and services tailored to meet the diverse needs and interests of our students. Our "Senior Reality" series provides informal seminars for soon-to-be job seekers; "Career Strategies Seminar for Educators" highlights the nuances of the job search in the field of education; the Career Centers of Western Massachusetts offer networking opportunities in a wide range of fields; the annual Government, Criminal Justice and Non-Profit Career Fair features federal, state, and local career and informational gathering; the annual Spring Career Fair provides additional opportunities.

Cooperative Education

Our Cooperative Education Program offers eligible upper level undergraduates an opportunity to obtain practical experience in their major or related field, reflect upon the cooperative education experience, expand current knowledge of the world of work, and formulate new concepts and strategies for future career-related activities. Students work approximately 8-10 hours per week in an approved career-related position, examine issues related to successful job performance and career advancement, reflect on personal interests, values and skills, and evaluate current work performance. Students can earn a maximum of six free elective credits.

Career Resources – Print and Online

The Career Center offers a wide range of career-related literature and tools for career exploration. The Career Resources Library features hundreds of books, magazines, pamphlets and other material relevant to the career process. The library also offers computer stations, and a printer to assist with all facets of the job search. Online resources are as follows:

Career Connections – enables students and alumni to easily search jobs and internships, send online inquiries, and manage multiple resumes, cover letters, and other employment related documents. The easy to use system provides 24 hour access to employment, internship and community service postings, a career event calendar and scheduling for on campus recruitment.

FOCUS II – our Career and Education Planning Online Program guides students and alumni through a career planning process that helps broaden career horizons and narrow occupational and education choice based on the users unique profile. FOCUS II helps develop an accurate picture of your personal strengths, needs and preferences; and helps to develop a sound career plan.

ResumeMaker – provides a complete suite of online educational tools to help students and alumni make a successful transition to a professional life. Students and alumni can generate and upload professional resumes, with customized online.

Facts on File – a career guidance center that allows students and alumni to explore different career and industry fields.

Interview Stream - you can also practice your interviewing skills with Interview Stream. Interview Stream simulates interviews for job seekers to practice both verbal and non-verbal communication skills. This program is available online 24/7.

CareerSpots Videos - fast, informative, engaging web videos that are conveniently available 24/7 online. These videos provide expert advice from leading employers as well as clearly illustrate what students need to know BEFORE, DURING and AFTER the job interview.

For a complete listing of programs, services and opportunities, visit our webpage at westfield.ma.edu/careerservices or call for an appointment at (413) 572-5206. Questions can also be sent via email at careers@westfield.ma.edu. The Career Center is located in Lammers Hall Annex.

The Albert and Amelia Ferst Interfaith Center

The mission of the Albert and Amelia Ferst Interfaith Center is to support religious and spiritual life and to promote interfaith understanding at Westfield State University. During the academic year, Center staff members provide and support opportunities for worship, meditation, spiritual exploration, religious learning, celebration, fellowship and service. In support of the University's mission to prepare students for life in the global community, the Center seeks to promote respect for and understanding of diverse religious traditions and to help students relate their moral and religious traditions to their personal choices and service to society.

Chaplains and Religious Services

Father John Dean, Catholic Chaplain
Telephone: 413-572-5567
Catholic Mass is celebrated on campus at the Interfaith Center on Sunday at 12 noon & 4 p.m. and on Wednesday at 4:30 p.m. On long weekends, Mass is only offered on Sunday at 4 p.m. During the Lenten season, Mass is offered Monday through Friday at 7:30 a.m. Father Dean is available for counseling by appointment.

Reverend Kimberly J. Murphy, Protestant Chaplain
E-mail: murphykj@aol.com
Telephone: 413-568-7557 or 413-579-4186
Sunday services are held at 10 a.m. at the UCC Second Congregational Church located at 487 Western Avenue, adjacent to the University's commuter parking lot. Reverend Kim is also available for counseling by appointment.

Rabbi Joyce Galaski, Jewish Chaplain
E-mail: rabbijoyce@gmail.com
Telephone: 413-572-8164

Services are held on the High Holy Days and approximately twice a month for the Jewish Sabbath and for other Jewish holidays. Services are held jointly with Congregation Ahavas Achim of Westfield at the Interfaith Center on campus. A schedule of Jewish services is posted at the Interfaith Center entrance, published in The Westfield Voice student newspaper, and is also available by contacting Rabbi Joyce. Rabbi Joyce is also available for counseling by appointment.

Students interested in Muslim prayer and activities on campus or in the wider community are invited to contact Prof. Kamal Ali at 413-572-5388 or kali@westfield.ma.edu.

Requests for additional religious services and/or spiritual advising for students may be directed to Kim Morgan, Office of the Vice President of Student Affairs, c/o kmorgan@westfield.ma.edu or 413-572-5400.

Interfaith Programming and Student Activities

The Westfield State University Foundation, Inc. supports the University's Interfaith Programming Committee (IPC) for the purpose of offering additional religious, spiritual and interfaith programs on campus. Programming requests are received online at: http://spreadsheets.google.com/viewform?formkey=dGhDZ2pIMWZ4Mm01Vms3VnBiRXhaM3c6MA. The IPC also welcomes new student members. If interested, contact Rabbi Joyce Galaski at rabbijoyce@gmail.com or Daryl Hendery at dhendery@westfield.ma.edu.

For information about religious student organizations and activities at Westfield, including Christian Fellowship, Campus Crusade for Christ and the Jewish Student Organization (JSO), visit Westfield online at http://westfield.ma.edu/Current_Students/Clubs/Clubs_and_Organizations.html.

Interfaith Center Facilities

The Center's main worship area seats about 90 and authorized groups using the Center are responsible for bringing and removing any symbols or artifacts particular to their faiths. The Center's chapel features a magnificent pipe organ with two manuals, a pedalboard and three and one-half ranks of pipes. The organ may be played by bona fide musicians familiar with such instruments including students from the University's Music Department. On the lower level of the Center there are offices for College Chaplains and a lounge for meetings or gatherings. While the Interfaith Center does not have facilities for preparing or serving food, catering services are available from the University Dining Service by prearrangement with the Catering Department. Student members of all faiths are invited to use the Interfaith Center by request through the University Chaplains or through the advisers of religious student organizations. Weddings may be scheduled as well, provided there is no previously scheduled religious service; many college alumni have been married at the Interfaith Center on campus.

Public Safety/University Police

The Department of Public Safety is responsible for the enforcement of the Massachusetts General Laws and for protecting life and property on campus. The Department is charged with the responsibility of protecting the right of all members of the academic community to learn, to teach and to conduct the normal and necessary business of the institution.

Among the services provided by the Department of Public Safety are: the investigation of crimes and motor vehicle accidents on campus, the enforcement of University parking regulations, the operation of the shuttle service, and the operation of a lost and found. In addition, Public Safety provides medical transport for students who are injured or ill. University Police officers are also available to present programs to educate students on such issues as date rape, crime prevention, and alcohol and drug awareness.

Public Safety trains and supervises the Institutional Security Officer staff assigned to campus foot patrol and to maintain the security of the campus residential buildings.

Student Right To Know Act

Westfield State University's annual security report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off-campus buildings owned or controlled by Westfield State University; and on public property within or immediately adjacent to and accessible from the campus. The report also includes institutional policies concerning campus security, such as policies concerning alcohol and drugs, crime prevention, the reporting of crimes, sexual assault and other matters. Copies of this report are available from the Westfield State University Department of Public Safety, and through the University website at: westfield.ma.edu/safety.

Public Safety employs and directs a student security force made up of full-time students from the University to assist the regular University police force. Student security officers are used as observers, shuttle drivers, escorts, dispatchers, library security, and to assist the University police.

The Public Safety Office, located in the White House on Western Avenue, is open daily with general business hours from 8:00 AM to 5:00 PM (decal sales from 9:00 AM to 4:30 PM), and offers twenty-four hour police coverage and response. Additional information is available at (413) 572-5262. For police emergencies call 911.

Athletics

Westfield State University has an extensive, quality program of intercollegiate, club sports, and intramural athletics for full-time matriculated students. Men's and women's teams compete under the umbrella of the National Collegiate Athletic Association (NCAA). In addition to fielding 21 varsity teams in Division III of the NCAA, Westfield State holds memberships in the Eastern Collegiate Athletic Conference (ECAC), the Massachusetts State Collegiate Athletic Conference (MASCAC), and the New England Football Conference (NEFC). For additional information, please contact the athletics department at 413-572-5405 or www.westfieldstateowls.com.

Varsity Athletics Philosophy

The athletics department is committed to promoting athletics as a vital part of the University experience and athletes as integral members of the student body.

The athletics department is committed to initiating, stimulating, and improving intercollegiate athletics by promoting physical fitness and sports participation while developing leadership and encouraging and teaching social responsibility and citizenship. The athletics department is committed to providing the support necessary for its men and women athletes to achieve high levels of performance on regional and national levels of competition.

Westfield State University supports the philosophy of Division III competition and promotes amateur athletics as defined by NCAA legislation which emphasizes the educational impact the athletics program has upon its participants, rather than satisfying the entertainment needs of the public. The status of any Division III team is independent of gate receipts or other revenues, therefore no team is relegated to the category of a "minor sport." A student's athletic ability is not a factor in determining a financial award package.

As a member in good standing of the NCAA, the athletics department promotes the principles of fair play, equitable treatment of men and women, and the recruitment of athletes that reflect our multicultural society. The athletics department strongly encourages participation by maximizing the number and variety of opportunities for students in varsity, sub-varsity, and intramural sports.

The athletics department is committed to providing a safe environment for competition with the health and welfare of our male and female athletes of primary concern.

The athletics department fosters sportsmanship, positive attitudes, and ethical conduct, not only by its male and female athletes, but by the University's overall student body and professional staff.

The athletics department promotes open communication between athletes, coaches, and administrative staff and supports the tenet that athletic participants are not treated differently from other members of the student body. Athletes are encouraged to participate in all aspects of the University experience.

Academic Affairs

The Division of Academic Affairs provides primary support for the mission of the University - emphasizing teaching, advising and student engagement in the life of the University and the community.

The Division serves as the umbrella for 24 academic departments and a wealth of resources and programs that enhance the academic experience, including the Academic Achievement Department (Academic Advising, Banacos Academic Center, Reading and Writing Center, TRiO Student Support Services and Urban Education), International Programs, and the Honors Program.

Accreditation, the Bookstore, Center for Instructional Technology, Center for Teaching and Learning, the Faculty Center, Graduate and Continuing Studies, Grants and Sponsored Research, Information Technology, Institutional Research and Assessment, Library, Registrar/Academic Records are all important components of the work of the Division.

The Division also oversees Commencement, Convocation, Dean's List, Academic Probation and Retention, Academic Conduct, FERPA, First-year initiatives and related areas.

Department of Academic Achievement

The Department of Academic Achievement is comprised of several academic support programs and services: the Academic Advising Center, Learning Disabilities Program, Disability Services, TRIO Student Support Services Program, the Tutoring Center, the Reading and Writing Center, the Urban Education Program and First-year initiatives. The main office for the Department of Academic Achievement is located in Parenzo Room 101, Maureen McCartney, Associate Dean, telephone (413) 572-5561.

Academic Advising Center (AAC)

Academic advising is integral to student success. The Academic Advising Center provides a warm and supportive environment for students to explore academic opportunities as well as to plot strategies for continued academic growth and development.

Academic advising is provided to all students to assist them in understanding and interpreting college academic policies and requirements, major requirements, course selection and registration, and related academic opportunities and objectives. **This service, however, does not remove the obligation from students to be knowledgeable and responsible about the academic requirements they have to meet.**

Day Division students are assigned faculty advisors by the chairperson of their major department. The Director of the Academic Advising Center assigns advisors to undeclared students until they declare a major.

The following services are provided to Day Division students:

- Assist students who have not declared a major with course selection, the registration process, and other academic concerns.
- Assist students with the exploration of academic majors.
- Advise students who are pursuing a double major in both Education and Liberal Studies.
- Assist students who are returning/re-enrolling to the University, on Academic Probation, and Transfer students.
- Assist students in exploring strategies for academic success.
- Review with students their academic progress and course needs.
- Determine course equivalence for courses students want to transfer to the University.

Students who wish to change their advisor should see the chairperson of their major department. Students who have not yet declared their major should see the Director of the Academic Advising Center.

In addition, staff members of the Office of the Registrar, the Division of Graduate and Continuing Education, the Associate Dean of Academic Achievement as well as the Dean of Undergraduate Studies are available to assist students. Contact: Laurie Simpson, Director, Parenzo Hall, Room K, advising@westfield.ma.edu Web address: westfield.ma.edu/Academics/Academic_Advising_Center/index.html

Advising Expectations For Advisors

The role of the advisor is to:

- Serve as student advocates, providing accurate and up to date information about requirements and expectations within the major field, the core requirements, college policy and college procedures.
- Introduce students to possibilities and expectations within their discipline, both during and beyond the baccalaureate program.
- Provide assistance to students in tracking their academic progress (i.e., review audit and departmental program sheets regularly with students).
- Assist students to develop strategies and individual plans which will maintain good academic standing.
- Introduce students to academic opportunities (internships, coop, honors, exchange programs, etc.) available through the institution or through the discipline.
- Provide students with useful and accessible referrals to other courses of information and assistance as necessary.

The advising expectations for advisors were developed by a subcommittee of department chairpersons and then accepted by all department chairpersons. They serve as a guideline for all who serve as advisors.

Students' Academic Advising Responsibilities
It is strongly recommended that:

- Students know the requirements and expectations within their major field, core requirements, college policies and procedures.
- Students meet early in their academic career with their advisor to develop an academic plan which will guide the completion of their baccalaureate degree.
- Students meet regularly with their department advisor to update their progress within the program.
- Students be responsible for maintaining an academic file (i.e., College Bulletin, academic audit sheets, grade reports, registration records, change of grade/change of major forms, etc.).
- Students consider keeping an academic portfolio for their benefit in employment and professional interviews.
- Students know what it means to maintain satisfactory academic standing (i.e., satisfactory GPA by attempted credits):

0 - 23 credits	≥	1.50
24 - 47 credits	≥	1.75
48 + credits	≥	2.00

- Students explore with their advisor various academic opportunities (internships, co-ops, honors, exchange programs, etc.) available through the institution or through their discipline.
- Students speak with their advisor to learn about the various academic resources available (tutorial services, study skills workshops, etc.) to support their success.

Transfer Transition Office (TTO)

Transferring from one higher education institution to another can be challenging in many ways. Changes in schedule processing, working with new advisors, becoming familiar with a new campus culture, are all adjustments transfer students must make. The Transfer Transition Office (TTO) assists students in making a seamless transition for a more successful Westfield State experience. TTO provides pre-admission and transition advising and connections to the campus community. The TTO also provides the additional information, support and advocacy needed to ensure a successful first semester and beyond.

The Director of the AAC and staff will:

- Complete unofficial transcript evaluations for common core courses.
- Assist students with general questions and serve as a resource for them.
- Refer and connect transfer students to appropriate advisors in their chosen majors.
- Make appropriate referrals to other campus offices.
- Meet with students in person or by phone.
- Assist transfer students with the transition to Westfield State.

Transfer Transition Advisors located in Parenzo Hall, Room K:
Laurie Simpson, *Director of the Academic Advising Center (AAC) & Transfer Transition*
(413) 572-5563, lsimpson@westfield.ma.edu

Peer Advising Program

Peer Advisors are a group of highly-trained students who work loosely with the professional staff in the Academic Advising Center (AAC). Peer Advisors assist students in understanding their options for major/minors, common core, and registration procedures. With the guidance of the staff in the AAC, Peer Advisors assist students in becoming grounded during their first year. The goal of the Peer Advising Program is to:

- Foster an educational environment for academic and personal growth
- Empower students to take greater ownership and responsibility for their academic success
- Provide opportunities to understand students' perspectives on academic policies and procedures
- Maximize Peer Advisors' lived and learned advising experiences
- To serve as a conduit between the larger student population and the Academic Advising Center (AAC).

First-Year Initiatives

Connections: First Year Forward
Philosophy Statement
Westfield State University sees the first year as a time of transition and growth in which new students find their place as engaged members of the diverse academic, civic and social communities at the University.

During this transition, students' primary task is to come to understand the process and goals of college education, and to develop the skills and dispositions needed to succeed in college and beyond. Through liberal arts and sciences core curriculum and introductory majors' courses, students build a broader understanding of different forms of knowledge. They deepen their ability to question their own knowledge and beliefs, becoming more nuanced critical thinkers. They learn to assess their own needs, access resources, and advocate for themselves in overcoming challenges in a new environment.

For many of Westfield's new students, the transition to college is also a time of increased independence and interaction with people of diverse backgrounds, requiring new levels of personal responsibility, social awareness, and civic engagement. Co-curricular activities and residential experiences support students in strengthening their understanding of their roles in the university community and beyond.

We strive to foster and promote a collaborative and dynamic climate, one that honors and supports the contributions, perspectives, and needs of each first-year student. In this environment, we facilitate the intellectual, social, and ethical development required for successful transition to college by providing the following:

- Sustained and supportive engagement with staff, faculty, advisors and peers
- Intellectually challenging academic programs in the liberal arts and professional disciplines where the relationship between both is honored
- A range of pedagogical approaches to learning including both individual and collaborative strategies
- Academic advising and career guidance that invite students to explore academic and professional opportunities
- A residential program that provides students a safe and independent living experience were civic responsibility and engagement are encouraged and expected
- Student governance organizations, community service and service-learning opportunities that promote civic engagement
- A dynamic and enriching co-curricular environment offering services and programs that invite student engagement as contributors and leaders in a variety of educational, social, and

governance activities
First-Year Website: www.westfield.ma.edu/firstyear
First-Year Email: firstyear@westfield.ma.edu
First-Year Hotline: (413) 572-8402

Urban Education Program (UEP)

The retention and recruitment of first-generation college students comprises the primary focus of the Urban Education Program (UEP). While serving the University as a recruiter of high school students from diverse educational, linguistic, ethnic, and cultural backgrounds, the Urban Education Program is designed to provide academic and personal support to program students. First-year students admitted to the Urban Education Program must participate in and successfully complete Westfield State's summer "bridge" program to gain full matriculation. The "bridge" experience includes intensive academic instruction and leadership development through peer-mentorship. Some important features of the program are course work with a strong emphasis on critical thinking and analytical competencies, academic advising, and leadership development. The program promotes the pursuit of graduate studies or professional school and assists participants with the graduate admission process.

Located in Parenzo Hall room 108, (413) 572-5391.
Joan E. Fuller, *Director*
(413) 572-5389, e-mail urbaneducation@westfield.ma.edu

Reading and Writing Center

The Reading and Writing Center provides students of all abilities and across all disciplines with academic assistance in reading and writing. While the Center's professional staff and peer tutors assist students working on particular assignments or in preparing for specific examinations, its primary mission is to help students become more effective readers and writers. More specifically, the Center aims to do the following.

- Help students further develop effective and efficient strategies for reading and learning from textbooks and other academic material.
- Teach students to think and write critically about texts and other sources of information.
- Assist students in writing clearly, precisely, engagingly, and thoughtfully by working with them on the various stages of the writing process, including rhetorical analysis, preparation and invention, research, thesis development, organization, drafting, revision, style, and editing for grammar and punctuation.

The Reading and Writing Center dedicates itself to making Westfield State University a campus committed in principle and in practice to reading and writing in the belief that these abilities are fundamental not only to academic success during college years but also to lifelong learning and achievement.

Students may sign up for an appointment with a professional consultant by using our online reservation system found on our webpage (www.westfield.ma.edu/reading), by calling (413) 572-5569, or by visiting the Center in 218 Parenzo Hall. Students may also drop in for sessions with peer writing tutors in Davis and Dickinson halls and in Ely Library. Reading and Writing Center hours (in 218 Parenzo) and drop-in hours with peer writing tutors are announced at the beginning of each semester. Additional information is available on the Center's website.

TRiO Student Support Services Program (SSSP)

The TRiO SSSP at Westfield State University empowers first-generation college students, low-income students and students with disabilities to explore and engage with their educational and personal goals. It offers comprehensive academic and personal support designed to assist with persistence to graduation, graduate school, and career preparation. TRiO programs have been established and funded by the U.S. Department of Education in order to promote access to and success in higher education.

The TRiO SSSP serves 160 students from a diverse cross-section of the university student body demonstrating academic need. Program students must meet one or more of the following eligibility criteria: 1. A first-generation college student where neither parent completed a 4-year college degree 2. Demonstrate low-income according to federal guidelines 3. An individual with a documented disability.

A wide-range of academic and personal support services are available to program students:

Academic Support: professional tutoring, 1-credit first-year experience course, computer lab with academic assistive technologies, preliminary academic advising, workshops on topics such as graduate school and financial literacy, and academic resources for loan, such as laptop computers, graphing calculators, Livescribe Smartpens, common core textbooks, and reference books.

Personal Support: 1:1 counseling around issues affecting academic performance, workshops on topics such as adjusting to college, stress management, and life after graduation, and peer support, guidance and community building via TRiO Mentor Program.

Financial Support: Free Application for Federal Student Aid (FAFSA) filing assistance, Financial Literacy 101 online tutorial, assistance with scholarship application and research.

Cultural & Social Activities: These events provide an opportunity to connect with other TRiO students and build community within the TRiO program and Westfield State University.

Students can apply to the program at any point in their undergraduate career and remain in the program until graduation. For more information or to complete a program application please visit www.westfield.ma.edu/sssp. Contact information: Parenzo Hall, Room 104, (413) 572-5793 – sssp@westfield.ma.edu.

In compliance with the U.S. Department of Education, two-thirds of program participants must be first-generation, low-income college students or students with disabilities. In addition, one-third of participants with disabilities must also be low-income.

Banacos Academic Center

The Banacos Academic Center, located in Parenzo Hall, is home to Disability Services, the Learning Disabilities Program and the University Tutoring Program. The mission of the Center is to provide all students the opportunity to fully engage in the University's academic, residential and student life programs. Individuals who might benefit from our programs and services are encouraged to contact the Center for more information 413 572-5561 or email banacos@westfield.ma.edu.

Services for Students with Disabilities

Due to the individual nature of disabilities, services are determined on a case by case basis and may include:

- Professional assistance with academic skills, time management, and self-advocacy

- Academic Advisement
- Tutoring
- Assistance in obtaining books on CD
- Access to Assistive Technology
- Test Accommodations including a distraction-free testing environment
- Readers/scribes for examinations
- Notetakers for classes
- Phonic ear

The Tutoring Program

Academic assistance and tutorial support are provided through the Banacos Tutoring Program. The Center is staffed with professional and peer tutors and provides assistance in most areas of the University curriculum. Tutoring is available for all students enrolled at the University and is free of charge.

Telecommunication Devices For the Hearing Impared

The University supports telecommunication devices for the hearing impaired in two locations:

Public Safety Office	572-5469
Switchboard	572-5250

*Office is open during weekday business office hours only.

Library Services And Facility

Ely Library at Westfield State University is a comprehensive information center dedicated to the educational development of students. A knowledgeable staff promotes the interaction between students and resources available to them including easily accessible print and electronic collections. Ely library serves both the undergraduate and graduate programs by providing online access to electronic databases with 25,000+ full text journals complemented by more than 150,000 on-site books (+/-500 electronic books), 1413 current journal subscriptions, local and national newspapers, 1360+ Music CDs, 3569+ videos/DVDs, and other electronic media. The facility has 56 public access PCs, wireless access for laptop users, and a listening lab. A no-fee Interlibrary Loan program enables students to borrow materials not found electronically or in the library. Instruction sessions in a hands-on lab provide everyone with the opportunity to develop foundational skills needed to find, use, and evaluate information effectively and responsibly. Ely Library also features an Educational Resource Center housing curriculum materials to support Pre-K through High School teaching, as well as a University Archives that focuses on protecting and making accessible materials related to the history of the University.

At the time of this printing, the hours of the library during regular academic sessions are:

Monday – Thursday	8:00am – Midnight
Friday	8:00am – 5:00pm
Saturday	10:00am – 6:00pm
Sunday	1:00pm – Midnight

Holiday and Special Hours are Posted. For more information, see the library web page at http://www.westfield.lib.ma.edu, or look for the Library tab in the mywestfield.westfield.ma.edu portal.

Additional Educational Programs

Education Abroad Programs

"In the 21st century, it is imperative that education prepare our students to be citizens of the world with the capacity to respect a diversity of views, and to learn and collaborate productively with individuals whose geo graphic, ethnic, and linguistic backgrounds are different than their own. Studying abroad is a highly effective way to ensure these educational goals are met. I hope that every student at Westfield State University will consider its potential."

– Evan Dobelle, President, Westfield State University

International Exchange

Established in 2008, the International Programs Office offers Westfield State University students opportunities to experience the world outside of Westfield through International Exchange Programs, Semester Study Abroad Programs, Short-term Study Abroad Programs, and National Student Exchange.

International Student Exchange Programs

Westfield State University has entered into direct student exchange agreements with two institutions in China, one in Ireland and one in Poland. In China, Westfield State University has partnered with Capital Normal University in Beijing, and United International College on the mainland outside of Hong Kong. At Capital Normal University, students may choose from courses taught in English and in Mandarin; at United International College, the language of instruction is English. In support of this new exchange opportunity, Westfield State's Department of World Languages now offers courses in the Mandarin language.

In Sligo, Ireland, students may study at the Institute of Technology. Located on the northwest coast of the Irish Republic, IT Sligo offers a wide range of study options over a number of interesting disciplines through the School of Business and Humanities, School of Engineering, and School of Science.

In historic Krosno, Poland, students may study at Krosno State College - known for an English language department that trains professional English interpreters and translators from around Europe. Therefore, students have many choices from among the courses that are taught in English, and may also take beginning Polish and an Introduction to Poland course. Their International Student group is very active, and excursions are planned for each semester.

Students approved to study in China, Ireland, or Poland for a semester or an academic year remain as Westfield enrolled students and pay their usual Westfield tuition and fees; they also continue their financial aid and insurance eligibility; in most cases, housing, board, and textbook costs are paid to the host institution. To qualify for participation in semester or yearlong programs, students must have a minimum grade point average of 3.0, as well as the approval of their major department chair(s) and the Office of International Programs. All courses must be approved in advance and grades earned are calculated into the Westfield grade point average.

Interested students are strongly advised to procure a passport at the earliest opportunity; current passports must be valid through the exchange period and for at least six months beyond it. General information meetings are held at the beginning of each semester. Deadlines to apply for a China Exchange are March 1 for a fall placement, and October 1 for spring placements.

Study Abroad

Westfield State is a member of the University Consortium for International Studies (CCIS), the Council on International Educational Exchange (CIEE), and is affiliated with Academic Programs International, the Center for International Study, the Dublin Business School, Edge Hill University in Ormskirk England, the Umbra Institute in Perugia Italy, and Global Learning Semesters. These study abroad institutions and organizations are committed to developing international dimensions as an integral part of collegiate education and they strive for a high level of academic excellence. Through these consortia and affiliations, Westfield State offers semester or yearlong study opportunities at pre-approved locations in many countries, such as Australia, Austria, Cyprus, England, France, Ireland, Galapagos Islands, Germany, Greece, Scotland Spain, Italy, Egypt, the Canadian province of Quebec. Students approved to study with these approved Study Abroad providers for a semester or an academic year remain as Westfield State enrolled students and continue their financial aid and insurance eligibility; tuition, fees housing and textbook costs are paid to the host institution. To qualify for participation in semester or yearlong programs, students must have a minimum grade point average of 2.75, as well as the approval of their major department chair(s) and the Office of International Programs. All courses must be approved in advance and grades earned are calculated into the Westfield grade point average. Interested students are strongly advised to procure a passport at the earliest opportunity; current passports must be valid through the study abroad period and for at least six months beyond it. General information meetings are held at the beginning of each semester. The application deadline for fall term candidates is April 1; the spring deadline is November 1.

Short-Term Courses

Short-term courses are offered during the semester breaks in January and May each year to domestic and international destinations. These faculty-led credit-bearing learning experiences are short-term, focused, and affordable. Designed to provide greater accessibility to students, and to cover a breadth of academic interests and geographic destinations, faculty and students have traveled to Belize, Costa Rica, Ghana, Greece, Ireland, Israel, Italy, Jordan, Mexico, Morocco, Puerto Rico, Spain, St. Maarten, Turkey and Vietnam. January 2013 courses include Environmental Biology in Costa Rica; Ghanaian Arts and Culture in Ghana, Service Learning courses in Nicaragua and New Orleans. May 2013 courses are: an Alternative Spring Break in Belize, Intercultural and Tropical Ecology Experiences for Teachers and Teacher Candidates in Costa Rica; Art Survey II in France; World History in Italy; Law and Criminal Justice in Morocco, and Service Learning in San Francisco. To be eligible for participation, students must have a minimum grade point average of 2.25 over 24 earned credit hours, as well as the approval of their major department chair(s) and the Office of International Programs. First-year students are eligible to participate in some short-term courses, such as the Environmental Science course in Costa Rica, the Arts and Culture course in Ghana, and the Service-Learning courses in Nicaragua, New Orleans and San Francisco, . Students interested in this rich learning experience are strongly advised to procure a passport at their earliest opportunity; current passports must be valid through the study abroad period and for at least six months beyond it. Spaces are limited; therefore, students are urged to apply early. The deadline to apply is xx

World Outside Westfield (WOW) Competition

The International Programs Office sponsors a WOW contest each semester. Seeking essays, poetry, artwork, photo or video projects, which capture the WOW moments of student study abroad participants, up to ten winners will be chosen from students participating in Westfield Exchange, Study Abroad, and Short-term Programs. Winning submissions will be published in various Westfield media, such as the Westfield State website, the Alumni magazine, (Focus), other publications, as well as being incorporated into study abroad promotional materials including posters to be used campus wide. One scholarship will be awarded for the winning submission. The scholarship can be applied to a future Westfield State University undergraduate or graduate short-term course or to a Westfield State-sponsored exchange or semester abroad. The selection jury is comprised of faculty, staff, and student members of the Westfield community.

International/Intercultural student club

Founded by international students attending Westfield State, and students who studied abroad, current students are invited to join the International/Intercultural Club. The Club acts as a point-of-contact and offers support to international students on our campus, and students while they are studying abroad. Individual members are available to speak with students who are interested in attending the same institution abroad, or who want to learn from other students' first-hand experiences. The Club works on fundraising for excursions, study abroad scholarships, and assists the International Programs Office in planning and programming for international and study abroad students. To join, contact the International Programs Office.

Applications for Exchange, Study Abroad and Short-term courses are available on the International Programs website: www.westfield.ma.edu/educationabroad.

For further information regarding Westfield State University Exchanges, Study Abroad opportunities, Short-term courses, the WOW Competition, and National Student Exchange, contact International Programs, 130 Parenzo Hall (Lobby), at (413) 572-8819. Email: IPO@westfield.ma.edu.

The Honors Program

The Honors Program at Westfield State University offers a stimulating educational experience for academically motivated students. Honors courses include general education (CORE) courses, Honors component courses, and upper-level seminars.

The Honors Program features seminars with interdisciplinary curricula, thought-provoking discussion and independent projects. They are challenging learning experiences that provide opportunities for students to refine writing, speaking and research skills in preparation for graduate study and employment. The classes offer students an opportunity to work closely with some of the most creative faculty on campus. Guest lectures are a common feature of Honors courses.

The Honors experience extends beyond the classroom to include special events, receptions with guest lecturers, field trips to cultural events, informal gatherings to provide students with opportunities to socialize and learn, Honors Housing, and priority registration opportunities. Students are invited to help organize activities that promote cultural and academic development.

Students who complete 18 semester hours of Honors courses with a grade of B or better in these Honors courses and a 3.30 overall cumulative average will be conferred the title "Commonwealth Honors Scholar," which will be noted on their transcript and at commencement. The 18 semester hours must include at least one upper-level Honors seminar and a six-credit Senior Honors Project. Students must have a 3.30 overall cumulative average to begin this project. Students should begin planning for the Senior Honors Project during their junior year

and should seek advisement from the Director of the Honors Program. In special circumstances, students may begin these projects during the second semester of their junior year.

Students who complete 18 semester hours of Honors courses, but not a Senior Honors Project, and earn 18 semester hours of Honors courses with a grade of B or better and a 3.30 overall cumulative average will earn the distinction of "University Honors Scholar," which will be noted on their transcript and at commencement. At least one of the Honors courses must be an upper-level Honors seminar.

All Honors courses are denoted as such on student transcripts. When space is available, students with a GPA of at least 3.0 are invited to take Honors core and seminar courses during their undergraduate years and to seek Honors advisement from the program's Director or faculty.

Incoming first-year students with a minimum high school grade point average of 3.5 and combined (Critical Reading and Math) SAT scores of 1150 may be considered for participation in this program by the Honors Program Director in consultation with the Honors Program Advisory Committee. Other factors that are predictive of academic success will be considered. First-year admission may be granted on the basis of recommendations with the approval of the Honors Director. Undergraduates who have completed at least 15 credits with at least a 3.60 institutional GPA may be considered for participation. Transfer students who graduate from a Commonwealth Honors Program at a community college are guaranteed admission to the program. Matriculated students and students with learning disabilities may self-nominate and present alternative admission criteria.

Students will maintain their status in the Westfield State Honors Program if they have an overall cumulative average of 3.30 or higher. Transfer students must have an institutional GPA of 3.30 or higher. Honors students will be placed on probationary status if their overall GPA falls between 3.0 and 3.29. They will be allowed to take Honors courses and receive the privileges accorded to Honors students during the probationary semester except for priority registration. However, if their overall GPA remains below 3.30 at the end of the probationary semester, they will no longer be considered members of the Honors Program. Students whose overall GPA falls below 3.0 will no longer be considered members of the Honors Program. Some exceptions may be made at the discretion of the Honors Program Director. Students may request to rejoin the Honors Program if they raise their overall GPA to 3.30 or above.

First-year students considered for the Honors Program may also be considered for Presidential Scholarships or for Paul Tsongas Scholarships, if they are Massachusetts state residents. These scholarships are renewable and may be held for a maximum of four years. To sustain eligibility for these scholarships, recipients must maintain at least a 3.30 cumulative grade point average, make satisfactory progress toward completing their degree program in four years, and have a record of positive citizenship and contribution to the University community.

For additional information about the Honors Program, contact the Director of the Honors Program at honors@westfield.ma.edu. For additional information about the Presidential Scholarships or Tsongas Scholarships, contact the Admission Office in the Student Administrative Services Center at (413) 572-5218.

National Student Exchange (N.S.E.)

National Student Exchange (NSE) is an educational consortium of nearly 200 colleges and universities in the United States enabling participating students to attend another NSE school at either the home or host school in-state tuition rate. Tuition reciprocal exchanges are available in 48 states including Alaska and Hawaii, and in the 3 U.S. territories of Guam, Puerto Rico, and the U.S. Virgin Islands. NSE allows exchange students to live and learn in different academic and geographical settings for up to one full year away from their home campuses.

NSE offers exchange students:

- Access to an extensive array of courses, programs, and other educational opportunities;
- Full-time undergraduate study for one semester or one full year;
- Linkage to Study Abroad sites at participating host institutions;
- More than 80 Honors programs at participating host institutions;
- Resident Assistant positions at some participating institutions;
- Wide-ranging multicultural opportunities.

The Westfield State student applicants must:

- Be a full-time Westfield State student at the time of application;
- Commit to stated terms and conditions (e.g., length of exchange, cost of exchange, academic advising agreement, and acceptance of home and host school policies);
- Complete full-time study at Westfield State the semester immediately prior to exchange;
- Have sophomore, junior, or senior status (first-year students may apply for sophomore exchange);
- Earn a 2.50 GPA (4.0 scale) at the time of application and at the end of the semester prior to exchange.

Cost of exchange for Westfield State student applicants:

- Host NSE school in-state tuition/fees or Westfield State in-state tuition/fees;
- Host NSE school room/board (or off-campus room/board accommodations);
- NSE application fee ($125 non-refundable bank check or money order payable to Westfield State University);
- Student expenses, including personal transportation.

Student financial aid considerations for Westfield State applicants:

- Students who pay the host school's in-state tuition/fees may apply for student financial aid through the host school;
- Students who pay Westfield State's tuition/fees may apply for student financial aid through Westfield State.

Student Grades and Credits:

- Full credit is given for pre-approved course work satisfactorily completed on exchange;
- Prior to exchange, the Westfield State student must complete an Advising Agreement with Westfield State;
- The Westfield State student remains enrolled at Westfield State while on exchange–the student is not a transfer student.

Westfield State Student Applicant Timeline:

- Obtain the Westfield State Student Applicant National Student Exchange Packet (September - December);
- Return a completed NSE Packet, Parenzo Hall (December - January);
- Attend a Mandatory NSE Applicant Advisement Meeting (as scheduled and announced);
- Accept or reject your NSE host school placement offer (late March – early April)

For more information, visit the National Student Exchange web site at www.nse.org or call the International Programs Office, Parenzo Hall Lobby, (413) 572-8819. Email oip@westfield.ma.edu

The Walt Disney World Theme Parks and Resort College Program
www.disneycollegeprogram.com

The Disney College Program at the Walt Disney World Resort is a one-of-a-kind, Disney-designed combination of education and work experience. The Disney College Program is looking for exceptional, ambitious students who have a genuine enthusiasm for their professional futures and who love to make people smile. In addition to the experience gained working as Disney Cast Members, participants in the Disney College Program at the Walt Disney World Resort will have the opportunity to meet Disney leaders and network so they may be able to gain a clearer understanding of what they want to do with their future.

This is a credit granting experience; all students must have at least a 2.0 cumulative grade point average and have completed 24 credits by the time they start the program.

For further information contact:
Carlton Pickron
(413) 572-5272

Denise Hughes
(413) 572-8974

Washington Center Internship Program
www.twc.edu

Westfield State University partners with The Washington Center for Internships and Academic Seminars to provide full-time internships in our nation's Capitol for students of all majors. Over the last few years, 100+ undergraduates have enjoyed prestigious internships with a wide array of agencies and organizations including; the U.S. Treasury, the Environmental Protection Agency, the Drug Enforcement Administration, U.S. Marshal Service, the U.S Attorney's Office, U.S. Office of Civil Rights, INTERPOL, Americas Most Wanted, the Smithsonian, and Naval Criminal Intelligence Service.

The Commonwealth of Massachusetts and The Washington Center provide generous scholarship support for qualified upper level students seeking fall, spring or summer internships. Tuition and fees are also waived for academic year internships for students who are Massachusetts residents with overall grade point averages of 3.0. Students are provided full-time placements and high quality executive style apartments while in Washington D.C.

Contact the liaison for more information on eligibility, cost, program requirements, tuition waivers and the placement process.

For more information, please contact:
Maureen McCartney, Washington Center Liaison
Parenzo 101 (413) 572-8801
E-mail: mmccartney@westfield.ma.edu

College Academic Program Sharing (C.A.P.S.)

The College Academic Program Sharing program is designed to offer students the opportunity for an educational experience at another Massachusetts State University. It is available to full-time Day Division students in good academic standing and does not necessitate transferring. Students may participate in this program for one or two semesters, completing up to thirty credits. The filing deadline is December 15 for the Spring Semester and May 15 for the Fall Semester. First-year students are ineligible. The state universities/colleges participating in this program are: Bridgewater State, Fitchburg State, Framingham State, Massachusetts College of Liberal Arts, Salem State, Westfield State, Worcester State, Massachusetts College of Art, and Massachusetts Maritime Academy.

All students are strongly urged to consult their academic advisor concerning required courses to be taken through this program to be sure the course work fits with their degree program. The Chair of the student's major department must approve course equivalencies for courses in the major. For additional details and a CAPS application form, please see the Office of the Registrar.

Cooperating Colleges Of Greater Springfield (C.C.G.S.)

Known as CCGS, the Cooperating Colleges of Greater Springfield was formed in 1970 by the presidents of each of the institutions participating in the association. In addition to Westfield State University, the member institutions include: American International College, Bay Path College, Elms College, Holyoke Community College, Springfield College, Springfield Technical Community College, and Western New England University.

These eight area public and private institutions established the CCGS program to enhance the educational experience of their students through the use of cooperative programs and services, including cross-registration, student-faculty inter-college library privileges, joint student activities, and student activity calendars.

Undergraduate students may take courses for credit at a cooperating institution when such courses are not available at their own institutions. To be eligible to participate in cross-registration, students must be enrolled in at least 6 credits at their home institution. Students are limited to enrolling in two courses (8 credits) per semester.

Interested students apply for courses through their home college registrar and academic advisor. Students are billed for CCGS registration as part of their home school tuition. Credit and grades for courses completed at cooperating colleges are applied to the student's record at the home college. Generally, CCGS cross-registration is limited to undergraduate (not continuing education) courses offered during the fall and spring semesters.

Reserve Officers Training Corps (R.O.T.C.)
Army R.O.T.C.

The Department of Military Leadership at the University of Massachusetts conducts the Reserve Officers Training Corps program (Army ROTC) throughout the greater Springfield and Amherst areas for students desiring to earn commissions as United States Army Officers. Upon completion of the University degree and ROTC requirements, students are commissioned as Second Lieutenants in the United States Army, the Army National Guard, or the U.S. Army Reserve. Army ROTC graduates may pursue careers in the active Army or in the civilian sector of their choice. ROTC courses are open to all students. Students do not incur a military obligation by taking any Military Leadership course.

Army ROTC enhances a student's education by providing unique leadership and management training coupled with practical experience. It helps a student develop many of the qualities basic to success in any career. In or out of the Army, ROTC graduates are leaders, thinkers, and decision-makers. They meet problems head-on and solve them quickly. They know how to adapt to situations and take charge. Army ROTC

graduates will find that their background and experience can be a valuable asset if they decide to pursue a civilian career.

The ROTC curriculum consists of eight semesters of course work comprising the traditional pre-commissioning requirements. The focus in the first two years is on leadership principles and techniques applicable to all vocations. The first four semesters of the program are offered on the Westfield campus; the last four are offered at WNEC through the CCGS program.

For additional information, contact the Army R.O.T.C. liaison person at Western New England College, (413) 782-1345 or 1332.

Air Force R.O.T.C.

The Air Force Reserve Officers Training Corps (AFROTC) does not have its own program at Westfield State University; however, students can take the program while attending Westfield State University through the Cooperating Colleges of Greater Springfield (CCGS) agreement. The agreement allows students to take AFROTC courses at the University of Massachusetts in Amherst. Freshman and sophomore courses can be taken without any commitment to the Air Force, and a 3year program is available for any rising sophomore who decides to pursue the program during the fall of that year. Upon successful completion of the program (and receipt of a bachelor's degree), graduating students will receive a commission as a 2nd Lieutenant in the U.S. Air Force. Scholarships from 2 to 3 years will pay full tuition, fees, labs, up to $900.00 per year for books, and an up to $550.00 per month stipend during school are available to participating students. For additional information, contact the Professor of Aerospace Studies, at the University of Massachusetts, at (413) 5452437 or 2451.

Programs Offered Through The Division of Graduate and Continuing Education

The Division of Graduate and Continuing Education offers programs in four areas: graduate studies, undergraduate studies (part-time), professional development for educators, as well as Community Education. Graduate programs include the Master of Arts in Applied Behavior Analysis, English and Psychology, the Master of Science in Accountancy and Criminal Justice, the Master of Education, the Master of Public Administration and the Master of Social Work. The Certificate of Advanced Graduate Study is offered in three concentrations. See the Graduate Catalogue published by the Division of Graduate and Continuing Education for additional information about these graduate programs. In addition, the Division offers a post-baccalaureate teacher licensure program, which enables students already holding a bachelor's degree to pursue licensure. The Division offers a Second Bachelor's Program for those interested in a new field of study, building on their previous baccalaureate course work.

Undergraduate programs are offered in every major available to Day Division students. Generally, necessary courses are offered in the evening, although some courses may have to be taken in the Day Division. Students who are pursuing their degrees part-time (less than 12 credit hours per semester) generally matriculate through the Division of Graduate and Continuing Education. Financial aid is available for students in degree programs pursuing part-time study, enrolled in at least 6 credits per term, and in good academic standing.

Community Education, located within the Division of Graduate and Continuing Education, is committed to serving individuals and businesses by offering a wide variety of personal enrichment and skill-building classes. Professional development certificate programs, such as the Alcoholism/Chemical Dependency Treatment Services Program, the EMT Program, and the Project Management Program are designed to serve the non-credit educational needs and interests of the community.

Undergraduate credit courses offered online, in the evening or on weekends are available to Day Division students on a space-available basis during Add/Drop Week each semester at no additional cost. A Day Division student who must take a specific course for credit at night because the course is required for graduation and is not available during the day, may petition the Associate Dean of Academic Achievement for a waiver of the tuition for the course, and may pre-register before the Add/Drop period. Generally, only graduating seniors are considered for waivers, and a $75.00 registration fee is required.

For more information, contact the Division at (413)572-8020 or stop by the office at The Horace Mann Center, 333 Western Avenue from 8:30 AM to 7:00 PM Monday through Thursday, and 8:30 AM to 4:00 PM Friday.

Advanced Placement (AP)

Academic credit or waiver of requirements may be granted based upon performance on the Advanced Placement Test. Generally, students must attain an advanced placement score of at least 3; however, specific standards, including higher scores and whether credit or waiver is granted are determined by each academic department. AP credit is treated as community college-level course work and is subject to all college policies regarding transfer work. Students with questions regarding AP scores should consult the Associate Director of Admission in the Horace Mann Center.

College Level Examination Program (CLEP)

Academic credit or waiver of requirements may be granted based upon performance on the University Level Examination Program (CLEP). Beginning July 1, 2001, the CLEP test will be given solely by computer. The minimum credit-granting score for all CLEP examinations taken after July 1, 2001 shall be 50 in all academic areas except English. CLEP credit is treated as community college-level course work and is subject to all college policies regarding transfer work. A maximum of 60 credits toward graduation may be earned through CLEP examination.

Whether the completion of a CLEP examination results in the waiver of a major requirement is to be determined by the appropriate academic department. Therefore, students should consult the appropriate advisor. Common core credit can be credited in the full amount that a student potentially can earn in the appropriate core category, not to exceed one year's worth.

Students who score 50 or above on the General Composition Exam (with Essay), or 51 or better on the Freshman Composition Exam (with Essay), may be granted credit for, and/or exemption from, English Composition I. Credit and/or exemption will be granted, however, only upon submission and successful review of a portfolio of written materials that reflect the varied requirements of the University's English Composition course. The composition committee of the English Department will determine what materials are to be included in such a portfolio, will publish such information, and will also be responsible for reviewing any submitted materials.

Students who have taken the test prior to the implementation of the computer-delivered testing system must have achieved a CLEP score at least the equivalent to the 75th percentile of national norms established by the University Board; however, specific standards for credit or waiver are determined by each academic department.
Credit or waiver of requirements will not be granted unless the ex-

amination is taken prior to enrollment in a course that is equivalent to the examination. Students should contact the Office of Graduate and Continuing Education at The Horace Mann Center, 333 Western Avenue for registration information or may contact the CLEP administrator directly at 413-572-8265. Students should consult the CLEP website www. Collegeboard.com/clep for more detailed information on the examinations..

Credit For Military Experience

Westfield State University offers students with military experience the opportunity to receive graduation credit for this experience. Official documentation of military experience must be submitted to the Office of the Registrar or the Division of Graduate and Continuing Education Office for evaluation (Applicants for admission to the full-time Day Division should submit military documents along with other application credentials to the Office of Admission).

Students may receive 3 credit hours in movement science electives for their Basic Training, if they have served a minimum of 9 consecutive months of active duty in the armed forces. Students must submit a Form DD-214 documenting this period of service. Students in the National Guard may apply for this credit only if the period of active duty began January 1, 1995 or later.

To apply for credit for other types of military experience, students must submit official copies of AARTS transcripts (Army), SMART transcripts (Navy and Marines), CCAF transcripts (Air Force), or CGI transcripts (Coast Guard). Each service will provide unofficial personal copies and send schools an official copy of the transcript at no charge. Please contact the Veterans Coordinator or visit www.westfield.ma.edu/veterans, for more information on gaining access to branch specific military transcripts accepted by Westfield State.

The only other military document that Westfield State accepts, as equivalent of an official transcript, is the Form DD-295 (Application for the Evaluation of Learning Experiences during Military Service). The DD-295 must be completed and signed by the students commanding officer in accordance with the course codes and specifications published in the current issue of the American Council on Education's Guide to the Evaluation of Educational Experiences in the Armed Services.

Effective May 1, 2003, the Massachusetts Quinn Bill Legislation prohibits criminal justice majors from receiving credit for military experience.

Credit for military experience is treated as community college-level course work and is subject to all University policies regarding transfer course work.

Prior Learning Portfolio (PLP)

The purpose of a Prior Learning Portfolios (PLP) is to award academic credit for prior learning. That is, if a student can demonstrate proficiency in an academic subject similar to the proficiency developed through coursework, the student can receive academic credit for that proficiency. It is important to note that credit is not given for work experience—although this experience can certainly lead to the level of proficiency that would warrant the award of credit. Credit is only granted for supervised projects that clearly convey proficiency in a subject. Prior Learning Portfolio credits may not be available for all Academic Departments.

1) Any student interested in PLP credits must submit a "Prior Learning Portfolio" application. Interested students will also be required to meet with the academic department chairperson or DGCE Chair (or respective designee) to discuss suitability for moving forward in the PLP process.
2) After application review by the appropriate chair (or respective designee) and the Dean of Graduate and Continuing Education, the student will be informed if they meet major-specific criteria for continuing in the PLP process. A faculty advisor should then be identified.
3) Student will enroll in ENGL201, Writing Workshop: Portfolio Writing. The outcome of this course will be a proposal for assessing prior learning experiences. This proposal will be used as the foundation for their PLP. The successful completion of the 3-credit portfolio course does not guarantee additional PLP credits.
4) Portfolio proposals will be submitted to a departmental designated faculty advisor for review. When the proposal is deemed appropriate, the student will work with the faculty advisor to develop the academic content of their life experience. The credit for PLP coursework will be considered departmental independent study credit, varying from 3-12 credits. Total credits for this experience cannot exceed 12 credits and are included in the overall 12-credit independent study limit at Westfield. PLP credits cannot be used as a replacement for college core. A student cannot earn more than 10% of their Westfield credits in PLP credits. Students are eligible to apply for PLP credits in multiple departments.
5) Faculty advisors will give final approval and the PLP grade. A final copy of the PLP will be placed in the student's file.

Scholastic Requirements

Course Load, Day Division Students

Fifteen (15) credit hours per semester is the normal academic course load of students at Westfield State University.

Students may enroll for up to eighteen (18) credit hours without special permission. Students wishing to enroll in more than eighteen credit hours must secure the permission of their advisor, Department Chair, and the Dean of Undergraduate Studies. Credit overload permission forms are available at the Office of the Registrar.

As a guideline from the Academic Policies Committee, the maximum course load a student may carry in a given semester is 21 credit hours including both day and evening courses and programs. A student should have a minimum grade point average (GPA) of 2.50 to carry 19-20 credit hours and a minimum GPA of 3.00 in order to carry 21 credit hours. Students are charged for credit hours above 18. Please see cost of Attending section for current fees.

Twelve (12) credit hours a semester is the minimum load for full-time day students. Graduating seniors carrying fewer than 12 credit hours are considered full-time during their last semester provided that they are carrying the number of credits needed to complete all their degree requirements. However, students carrying fewer than 12 credit hours are subject to adjustments in their financial aid awards. Graduating seniors should consult the Financial Aid Office prior to deciding to reduce their course load to fewer than 12 credit hours.

Students carrying fewer than 12 credit hours lose their full-time status. Eligibility for residence hall space and financial aid may be affected. Students carrying fewer than 12 credit hours cannot represent the University in co-curricular activities. A student's eligibility for medical insurance coverage under a parent's policy may also be affected.

Course Load, Continuing Education Students

Undergraduate Continuing Education students may take up to three courses per term. Students with full-time employment ordinarily should

limit themselves to two courses. Students with PELL grants must take a minimum of two courses in order to receive their award. Students needing assistance in order to determine an appropriate course load should consult with an academic advisor. Undergraduate and post-baccalaureate students need signed permission to take 12 or more credits per term. Permission may be obtained from the Dean of Graduate and Continuing Education, who will make this decision after reviewing the student's academic progress.

Class Standing

Class standing is calculated automatically whenever there is a change in a student's number of completed credits. Therefore, a student's class standing may change in the middle of a semester or in the middle of an academic year.

Day Division registration and housing priorities are based upon a student's anticipated class standing at the end of the current semester. This is calculated by adding the number of credits in which the student is currently enrolled to the number of earned hours the student has already completed. For some students this calculation may advance them to the next class level; for others it may not.

Students who expect to graduate in four years should plan to complete 30 credits each academic year; students who fall more than 6 credits behind are moved to the next lower class. The following table lists the class status of students as determined by the number of credits they have completed.

	Lower	Upper
First-year	0-8	9-23
Sophomore	24-38	39-53
Junior	54-68	69-83
Senior	84-98	99+

Grades and Credits

Credit Hour Definition

In accordance with Federal Government guidelines, Westfield State University defines the credit hour as:

An amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

(1) One hour of classroom or direct faculty instruction and a minimum of two additional hours of student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or

(2) At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

In accordance with federal guidelines and commonly accepted practices in higher education, Westfield operates on a 50-minute hour for definition (1) as it relates to direct faculty instruction and a minimum of two additional hours per week for definition (2) as it relates to other non-direct instructional activities (laboratory, studio, etc...). Please see the policy on "Internship, Practicum, and Field Placements" which defines the minimum required student participation hours necessary for credit hours to be earned.

Failing Grades

Grades of "F" never can be removed from a student's academic record, but the courses in which they have been received may be repeated and passed. In the case of electives, different approved courses may be taken and passed either in Summer or Winter Sessions, or when possible, during the regular academic year.

The University course repeat policy allows the grade earned in a repeated course to be substituted for all prior grades earned in that course when calculating a student's Grade Point Average. However, notation of the original grade(s) earned remains on the student record.

Incomplete Grades

The grade of "I" (incomplete) is only to be assigned when 80% of the course work has been completed for a specific course. "I" grades become "F" grades unless the course work is completed satisfactorily during the first four weeks of the next semester. Under certain circumstances the deadline to complete "I" grades may be extended or reduced. Special permission forms to extend the deadline to complete the course work for "I" grades can be obtained at the Office of the Registrar for Day Division students and at the Continuing Education Office for students in that division. The University's Committee on Academic Standing may require students to complete the course work on "I" grades early to determine if they are eligible to return to Westfield State University.

Students placed on academic probation (AP) or academic failure (AF) with incomplete grades on their record must complete the work and a grade must be submitted before the end of the ADD/
DROP period of the subsequent semester in order to be removed from AP or AF status.

Grade Appeals

The purpose of the Grade Appeal Policy is to provide the student with a safeguard against receiving an unfair final grade, while respecting the academic judgement of the instructor.

This grade appeal procedure applies only when a student initiates a grade appeal and not when the instructor decides to change a grade on his or her own initiative. This procedure does not cover instances in which students have been assigned grades based on academic dishonesty, which are included in Westfield State's Academic Honesty Policy. Grade appeals alleging discrimination, harassment or retaliation in violation of Westfield States Sexual Harassment Policy should be concurrently referred to the appropriate office at Westfield State as required by law and by Westfield State policy.

POLICY

1. Underlying Principles
   - A. Students and faculty should make every effort to resolve questions about grades without seeking a formal grade appeal. A formal grade appeal is a last resort.
   - B. A grade appeal will be pursued only if there is a valid basis and substantial evidence. The responsibility for developing and presenting the case for changing a grade rests with the student making the appeal.
   - C. Instructors have the responsibility to provide careful evaluation and timely assignment of appropriate grades. Course and project grading methods should be explained to students at the beginning of the term, and instructors should retain grading calculations for a minimum of one semester after the conclusion of a course. Westfield State presumes that the judgment of the instructor of record is authoritative, and the final grades assigned are correct.

D. Grades will be changed only on clear evidence of error or manifest injustice in grading.
E. If the instructor no longer works at the University or is unavailable, the department chair may represent the instructor in this process.
F. Interpretation of this policy is the purview of the Vice President of Academic Affairs.

2. The Basis for a Grade Appeal
A. Only final course grades may be appealed.
B. Grades may be appealed that are alleged to be caused by:
1) Unfair and unequal application of grading standards or applying grading criteria to one student or some students in a manner that treats them differently.
2) Unfair or unannounced alteration of assignments, grading criteria, or computational processes from the instructor's previously articulated standards.
3) Computation dispute about calculation of a final grade or its transmission to the Registrar.
4) Sanctions for academic dishonesty without an admission or finding of guilt, or the failure of the instructor to change a grade after a not guilty finding in an academic honesty hearing.

3. Establishment of the Grade Appeal Committee
The Grade Appeal Committee (GAC) will be comprised of four (4) faculty members and two (2) student members as selected by their representative governing bodies.

4. Process for Grade Appeal
A. Step One
1) Students must initially appeal a grade to the course instructor within the first two (2) weeks of the following fall or spring semester, or within two (2) weeks of a notice of a change of grade. It is the student's responsibility to arrange to meet with the instructor.
2) Within ten (10) days following an unsuccessful appeal to the instructor, the student may discuss the problem with the appropriate department chair. The department chair shall then act as mediator to bring the matter to a mutually agreed resolution among all three parties within ten (10) days of his/her discussion with the student.
3) If a mutually agreed resolution is not reached, within ten (10) days of reaching impasse, the department chair may make a recommendation to the instructor.
4) If the department chair disagrees with the academic judgment of the instructor, the department chair may recommend a change of grade to the instructor. Within ten (10) days of receipt of the recommendation from the department chair, the instructor shall make a decision to either a) affirm, or b) change the appealed grade. Within this time frame, the instructor must communicate his/her decision to the department chair.
5) The department chair shall inform the student of the decision within ten (10) days of receiving the instructor's final decision. The department chair will communicate this decision to the student in writing.
B. Step Two
1) The student will respond to the department chair and course instructor in writing.
2) The student will then submit a written appeal to the Dean of Undergraduate Studies (or Dean of DGCE when appropriate) explaining the basis and providing the evidence for the formal appeal. The Dean will then transmit copies to the faculty member and to the faculty member's department chair.
3) Upon receipt of the written statement, the Dean will convene the GAC. The student, instructor, and department chair will be given at least ten (10) business days notice of the time and place of the hearing. A copy of the student's written appeal and accompanying evidence must be available at least five (5) business days prior to the hearing for review by the instructor in the Office of Academic Affairs.
4) The student, instructor, and department chair will be encouraged to attend the meeting, but are not required to do so. The meeting will be closed to all other outside participation. The student and instructor may each be accompanied by one person, but that person may not be legal counsel and may not participate in the process in any way.
5) At least four (4) members of the GAC, including at least one student member, must be present in order for a hearing to be held.
6) The GAC is strongly encouraged to conclude its work no later than the end of the semester in which the appeal was filed. In the event that the student filing a formal grade appeal is a graduating senior, the GAC will make every effort to expedite the process.
7) Through its inquiries and deliberations, the GAC is charged to determine whether clear and convincing evidence of unfair treatment such as arbitrariness, prejudice, and/or error might justify changing the grade. The GAC will meet in closed session and make its decision based on a majority vote. In the event of a tie vote, the original grade will stand.
8) If the GAC determines that no compelling reason exists for changing the grade, the committee will report its conclusion in writing to the student, instructor, department chair, and Dean within five (5) business days of the hearing, and the matter will be considered closed.
9) If the GAC determines that compelling reasons exist for changing the grade, within five (5) business days of the hearing the GAC will request that the instructor make the change, providing the instructor with a written explanation of its reasons. Should the instructor decline, he or she must provide a written explanation for refusing within five (5) business days.
10) The GAC, after considering the instructor's explanation and upon again concluding that it would be unjust to allow the original grade to stand, will then determine what grade is to be assigned (or recommend an administrative withdrawal from the course). In determining what grade is to be assigned, the GAC may obtain records from the course instructor, department chair, and student. A formal, written report of the GAC's decision must be forwarded to the student, instructor, department chair, Dean, and the Registrar's Office within ten (10) business days of the receipt of the instructor's written explanation. Under no circumstances may persons other than the original faculty member or the review committee change a grade.
11) Should the GAC determine that the instructor's written explanation justifies the original grade, the committee will report this in writing to the student, instructor, department chair, and Dean within ten (10) business days of the receipt of the instructor's written explanation, and the matter will be closed.

Grade Point System

A student's grade point average (GPA) is computed at the end of each semester. The grade point average is calculated for the semester, and a cumulative grade point average is calculated for all courses taken since the student's matriculation at Westfield (cumulative institutional GPA). Courses accepted in

ransfer prior to matriculation at Westfield are not a part of the cumulative verage (See policy on Transfer Courses after Matriculation).

Westfield State University uses a grade point system of:

A.....4.0	B.....3.0	C.....2.0	D.....1.0
A-....3.7	B-....2.7	C-....1.7	F.....0.0
B+...3.3	C+...2.3	D+...1.3	

Calculating A Grade Point Average

1. To determine the number of grade points earned, for each course taken, multiply the numeric value of the grade earned (from the table above) by the number of credits the course carries.
2. For example, a C+ (2.3) in a 3 credit course would earn 6.9 (2.3 x 3) grade points; an A- (3.7) in a 4 credit course would earn 14.8 (3.7 x 4) grade points; an F (0.0) in a 3 credit course would earn 0.0 (0.0 x 3) grade points.
3. Add all the grade points earned. The grades above (6.9+14.8+0) add up to 21.7 grade points.
4. Divide by the total number of credits carried. Note that "F" grades count as credits carried, although they do not earn grade points. The total credits in the example above is 10 (3+4+3), so the student's GPA is 2.17.
5. Pass/Fail courses are not included in the calculation of a GPA.

Dean's List

The Dean's List represents both a qualitative and quantitative evaluation of a student's semester performance (minimum GPA during the prescribed length of the semester).

In order to be cited for academic honors known as the Dean's List, a student must have:

1. A semester GPA of "B+" (3.30) or above,
2. No grade below "C" (2.0),
3. A semester of at least 12 graded credit hours (not including Pass/Fail courses), and
4. No grade of Incomplete.

Dean's List will be calculated once at the end of each semester after all grades have been received and calculated by the Registrar's Office (typically one to two weeks after final exams). Dean's List will also be awarded for enrolled students studying outside of Westfield State's campus through University approved domestic and/or international exchange programs. Future grade changes after the initial production of the Dean's List will not allow students to become eligible unless the faculty member can certify the grade change is a result of a miscalculation of the final grade and that no additional work was received and/or additional time granted to complete work. This policy also applies to the converting of Incomplete grades to passing grades. Special consideration will be given to the late delivery of grades due to travel requirements of a University sponsored course and/or exchange program.

Course Repeat Policy

The course repeat policy was designed to provide students with an opportunity to repeat courses for which they wish to earn an improved grade. Unless otherwise specified, courses cannot be repeated for credits. Students may apply this policy to a maximum of five (5) courses and students may only repeat Westfield State courses with the same Westfield State course. Students must file a completed course repeat form with the Office of the Registrar (day students) or Undergraduate Records Coordinator (DGCE) prior to taking any course as a repeat.

Subject to the following conditions, students may repeat courses regardless of the original grade earned. Students who originally earned a passing grade in a course may repeat that course only once. Students who have failed a course may repeat the course until a successful grade has been earned. Regardless of the amount of times repeated to earn a passing grade this will only count as one invocation of the policy. In either case however, grades and records of both the original course and the repeated course will remain on the student's transcript and only the most recent grade, whether it is higher or lower than the original grade earned, will be computed in the student's GPA. Additionally if the student is repeating a course that originally received a passing grade, only the credits of the subsequent attempt(s) will be counted in the student's cumulative credits earned.

While the original grade no longer will be used in the calculation of the cumulative grade point average, original notations of the student's academic status based on the earlier cumulative grade point average (e.g., probation, academic suspension, dean's list) will not be changed and will remain a part of the student's academic record.

If a student receives a grade sanction for the course because of an admission or finding of academic dishonesty, he or she may repeat that course but the grade substitution policy will not fully apply. The original grade submitted for the course in question will continue to be counted in the student's cumulative grade point average however, only the credits of the repeated course will apply to the student's cumulative credits earned.

Federal Financial Aid regulations will only allow repeated courses to count toward a student's full-time status if it is the first repeat of a previously passed course or if the repeat is of a previously failed course.

This policy is effective starting September 1, 2012 and will apply only to courses repeated after this date. Courses repeated prior to that date are subject to course repeat policies in effect at the time of the repeat. This policy will be reviewed by the Dean of Undergraduate Studies every two years.

Pass/Fail Policy

Note that the Pass/Fail policy is implemented differently for one-credit, introductory-level courses and for upper-level (0200- and 0300-level) courses.

Pass/Fail For One-Credit (1), 0100-Level Courses

Departments may offer the following grading options for one- credit (1), 0100- level courses: 1) Pass/No Record, 2) Pass/Fail, and/or 3) for a letter grade. Within the first three (3) weeks of the semester, students must agree upon a grading option with the faculty member teaching the course.

No course eligible for common core credit may be designated for this option (even if the course would not be used to satisfy a core requirement).

For Pass/No Record courses, if a student earns a Pass (PS) grade, the credit earned applies towards graduation credits only. If the student fails the course, the Fail (FL) grade and the course notation are removed from the student's academic record.

For Pass/Fail courses, if a student earns a Pass (PS) grade the credit earned applies towards graduation credits only. If the student fails the course, the Fail (FL) grade appears on the student's academic record, but is not to be used to calculate the student's grade point average (GPA).

Pass/Fail For 0200- And 0300-Level Elective Courses

The intent of this policy is to encourage juniors and seniors to take upper-level elective courses outside of their major or the core without concern for lowering their grade point average.

No course in the major (home) department or any required course outside the major department may be taken on a Pass/Fail basis, (even if the course would not be used to satisfy a major requirement). Only elective courses above the 0100-level are eligible for the Pass/Fail option.

No course eligible for common core credit may be elected for the option, (even if the course would not be used to satisfy a core requirement).

Only students with junior or senior status are eligible for the option.

No more than two courses above the 0100-level, not to exceed 8 credits, may be taken on a Pass/Fail basis.

Eligible students must apply for Pass/Fail status for 200- and 300-level elective courses with the Office of the Registrar no later than the midpoint of the course.

Faculty must submit a letter grade for each student in the course, thereby making the faculty member unaware of which students are opting for Pass/Fail status. The Registrar will convert the student's grade to Pass/Fail on the student's transcript.

Both the Pass "PS" and the Fail "FL" will be noted on the transcript, but neither will affect the student's cumulative grade point average.

Once the Pass/Fail option is selected, the choice is binding.

Credits awarded for courses taken PASS/FAIL are not counted toward the minimum 12 credits necessary for Dean's List eligibility.

This policy is implemented similarly for Continuing Education students. To be eligible, students must have completed a minimum of 54 credits. Pass/Fail permission forms must be filed in the Office of Graduate and Continuing Education, in accordance with deadlines established by that Division.

Note: The wording of the above policy has been modified to provide students with additional information about how the policy is applied and/or procedures to follow when applying the policy. The exact wording of the policy may be found in the Westfield State University Policies and Procedures Manual.

Undergraduate Transfer Courses Taken at Other Institutions After Matriculation

Undergraduate students who have enrolled at Westfield must secure written permission to apply courses taken at other schools to their Westfield degree. This permission, as well as course evaluation for applicability to core or major, may be secured from the chairperson of the Westfield department wherein the course to be taken lies. Westfield State has already made available through the Admission Office course to course articulations from many of our state institutions. Students should use these articulations as guides only and must still seek permission to take these courses to ensure residency policies (program and/or degree) are still being met.

College courses taken without this written permission may be accepted for elective credit, if the course meets college standards for transfer. Courses will not be applied to core or major requirements until such permission has been granted.

Only grades of "C-" or better are acceptable for transfer credit unless a higher minimum grade is required by the department. Transfer credits and grades will not affect the Westfield State institutional GPA unless they are earned through approved exchange programs where the University still certifies student's enrollment but will be used in determining "attempted" credits when determining academic standing. In either case the transfer credits and grades will factor into the overall GPA which is a combination of transfer and institutional credits and grade points. No credit will be awarded for remedial courses or coursework that is deemed by Westfield as pre-college work.

Students may transfer in a maximum of 90 credits from regionally accredited institutions, of which no more than 67 credits can come from a two-year institution (including AP, CLEP, and military experience). Credits not originating from a regionally accredited institution may be awarded with the approval of the academic department and/or based on recommendations of the American Council on Education's *College Credit Recommendation Service* and will count toward the 67 credits which can be awarded from a two-year institution.

For students enrolled in fall 2012, post-matriculation transfer credit completed prior to September 1, 2012 will be posted as domestic credit according to previous policy and transfer credits completed after September 1, 2012 will be awarded in accordance with the above policy. For students enrolled/re-enrolling for spring 2013, all transfer credit will be awarded in accordance with the above policy regardless of when the credit was completed.

Note: The policy stated above does not apply to courses taken prior to a student's initial matriculation at Westfield. See the paragraph on Transfer Grade Policy in the section on Transfer Admission for additional information regarding transfer grades.

Core Implementation Policy

The purpose of this policy is to establish guidelines to accept course work into the University's revised Common Core. Its provisions are consistent with the terms of the Commonwealth Transfer Compact and with policies for transferring general education coursework between the State four-year colleges.

General Education Requirements completed at another institution:

1. Students transferring to Westfield State University after completing all the general education requirements at another Massachusetts state college will be deemed to have satisfied Westfield's general education requirements.
2. Students transferring to Westfield State University under the 1990 Commonwealth Transfer Compact will be deemed to have satisfied all portions of Westfield's core except the 6-credit upper-level requirement.
3. Students enrolled in the Second Bachelor's Program through DGCE who have completed a B.A. or B.S. degree at an accredited college will be deemed to have completed the Westfield core.
4. In all other cases, the evaluation of courses will be done on a course-by-course basis by the admission officer/academic advisor evaluating the transcript at the time of application. The evaluator will move to the next step only if the outcome of the previous step is not satisfactory to the student:
   a. Award credit if, based on guidelines established by the appropriate department chair, the course is determined to be

equivalent to a Westfield core course.
b. Award credit if the course fulfilled a comparable general education requirement at the school where it was taken.
c. Award credit if, after consultation with the appropriate department chair, the course is determined to meet the Westfield State University standards for the core area.
5. The results of the evaluation of core courses must be reported in writing to the Registrar (for Day Division students) or the undergraduate records coordinator (for DGCE students).
6. Students not satisfied with the results of the core determination may appeal to the appropriate Dean.

This policy is implemented similarly for Continuing Education students, although they may take courses at other institutions only with prior written approval once they have been accepted into a degree program. The necessary forms are managed through the Office of Graduate and Continuing Education.

Note: The wording of the above policy has been modified to provide students with information about how the policy is applied and/or procedures to follow when applying the policy. The exact wording of the original policy may be found in the Westfield State University Policies and Procedures Manual.

General Education course work completed at Westfield:
1. Courses that are approved for the new core may count in the appropriate category for students completing the old core. Note: Courses that appear ONLY in the Diversity section of the new core do not fulfill requirements under the old core.
2. Courses approved for the core will become applicable for core credit in the next semester that they are offered. Students will not be granted core credit retroactively.
3. Students not satisfied with the results of the core determination may appeal to the appropriate Dean.

Note: The wording of the above policy has been modified to provide students with information about how the policy is applied and/or procedures to follow when applying the policy. The exact wording of the original policy may be found in the Westfield State University Policies and Procedures Manual.

Academic Standing – Probation and Dismissal

Academic standing for all undergraduate degree and non-degree students is based on a student's number of overall attempted credit hours and institutional GPA according to the chart below. Academic Standing is evaluated at the end of the fall and spring semesters, however, because of differences in the pattern toward the completion of degree requirements, part-time continuing education students will not be evaluated until they have attempted at least twelve credits.

Attempted Credits	Satisfactory GPA	Probation GPA	Dismissal GPA
0-23	1.75	1.25-1.749	Under 1.25
24-47	2.00	1.50 -1.999	Under 1.50
48+	2.00	1.75-1.999	Under 1.75

The grade point average is based on grade points received only from Westfield State University while the number of attempted credits is the combination of Westfield State University credits and all transfer credits that have been awarded.

Regardless of GPA, students who are making satisfactory progress and receive 3 or more F grades in a given semester will be placed on academic probation. The same standard applies to part-time continuing education students who receive 3 or more F grades in the span of attempting twelve credits.

If there is any change to the student's record (change of grade, file of repeat course paperwork, etc....) the Registrar (or continuing education Dean) will reevaluate the student's recalculated GPA in accordance with the above chart and alter their academic standing accordingly, provided the change occurs prior to the end of the add/drop period of the following semester.

Probation Policy

Students placed on probation will be given one semester to raise their GPA to the required level with the following conditions. As noted above part-time continuing education students will be allowed to attempt twelve additional credits to raise their GPA regardless of the number of semesters needed to attempt those twelve credits. If a student on probation earns a 2.50 GPA or higher in the following term and earns a minimum of 9 credits, their probation will be automatically continued for one additional semester. Students who fail to achieve a satisfactory GPA or continue their probation after the allotted amount of time are subject to dismissal.

1. Probation students can register for only 12/13 credit hours of credit.
2. Students on probation are prohibited from participating in all co-curricular activities, including but not limited to, intercollegiate athletics, intramural sports, clubs, social organizations, MTG, The Campus Voice, Tekoa, WSKB, In Focus, student government organizations, or any other campus activity not directly connected to the requirements of a credit bearing course. Students who violate this policy are subject to disciplinary action, and organizations that allow a student on probation to participate in activities may jeopardize their funding or ability to function.
3. Day Division students on probation are required to work with an advisor (in addition to their departmentally-assigned faculty advisor) within the Department of Academic Achievement (as assigned by the Associate Dean) to improve their own academic performance. Students on academic probation may be required, at the advisor's discretion, to:
   - meet for individual advising appointments on a regular basis,
   - meet to review mid-semester progress reports,
   - respond to communications from the AAC throughout the semester, and/or
   - follow any conditions mutually agreed upon between the advisor and the student or set by the Committee on Academic Standing when approving an appeal for a dismissed student to return on probation.
4. Continuing education students are required to work with an advisor assigned by the continuing education Dean. In consultation with the assigned advisor, students are responsible for developing a strategy to bring their GPA up to the necessary level. The strategy should include specific direction with regard to course load, course selection and/or ongoing advising and academic support. The plan must be in writing, and a copy will be placed in the student's file for monitoring purposes.
5. Failure to participate in regularly scheduled appointments, comply with any conditions and/or follow developed plans will be shared with the appropriate division's Committee on Academic Standing if a student on probation is subsequently dismissed and files an appeal to be reinstated.
6. Students may not appeal probation status.

In order to have the probation status removed from their record, students with incomplete grades on their record must complete the work

and have a grade submitted before the end of the add/drop period of the subsequent semester.

Dismissal Policy

Matriculated degree seeking students who are dismissed from the University may attempt an additional twelve credits through the Division of Graduate and Continuing Education as a non-matriculated, non-degree seeking student in an attempt to improve their Westfield GPA. Students may not cross-register into day division classes unless both the continuing education Dean and Registrar agree it is in the student's best interest to do so and seats are available.. Students who are initially non-matriculated, non-degree students and who are dismissed from the University must appeal their dismissal (see item 3 below) in order to continue taking coursework at Westfield through the Division of Graduate and Continuing Education.

Day division students may return to Westfield as a matriculated degree seeking students through the Office of the Registrar upon completing a minimum of 12 college-level credits with a GPA of 2.5 or greater. Continuing education students may return to Westfield as matriculated degree seeking student through the Undergraduate Records Coordinator for the division upon completing a minimum of 12 college-level credits with a GPA of 2.5 or greater. Please note there are maximum numbers of credits that may be accepted in transfer back to Westfield (see transfer credit policies for more details). Students are required to receive pre-approval to take these additional credits from the Registrar or continuing education Dean or their designees. Upon readmission students will automatically be placed on probation and are subject to the conditions noted above under the "Probation Policy" section unless they have raised their GPA to the minimum required for satisfactory/ standing through the Division of Graduate and Continuing Education.

Students who are dismissed from the University for a second time are placed on suspension, may not return for a period of two years, and must also show evidence of at least a 2.5 GPA of 12 college-level credits in order to return. .

Dismissed/suspended students may appeal to the Committee on Academic Standing in their division to return to the University in the following term. Any exceptions to dismissals based upon extenuating circumstances, beyond the normal demands of student life, must be made in writing to the appropriate division's Committee on Academic Standing and addressed to the Committee Chair. There are no set guidelines as to what should be included in the appeal, however, the Committee is interesting in hearing honestly and candidly from the student about what happened during the term and, most importantly, what steps the student will take to correct their difficulties. Students reinstated are automatically placed on probation for the semester in which they return and are subject to the conditions noted above under the "Probation Policy" section. The Committees maintains the right to place conditions upon the student, including but not limited to, required course repeats, changing major(s), and/or mandatory counseling.

The Committees meet in January and during the summer to review all appeals for reinstatement. Committee decisions are based on a simple majority vote of members in attendance. Students are notified of the appeal's outcome in sufficient time to plan for the next semester. The Committees reserve the right to defer their decision to review the final grades of pending coursework in either winter or summer sessions. The decision of the Committee is final.

Committees on Academic Standing

This policy is administered by a Committee on Academic Standing in each of the University's two divisions.

Day Division Committee members include:

Registrar, Committee Chairperson
Dean of Undergraduate Studies
Associate Dean of Academic Achievement
Dean of Students
Two Faculty Members (appointed by the MSCA President)
One advisor from the AAC selected by the Associate Dean

Continuing Education Committee members include:

Dean of Graduate and Continuing Education, Committee Chairperson
One faculty advisor (appointed by the Dean)
Undergraduate Records Coordinator

Satisfactory Academic Progress For Financial Aid

In order to maintain financial aid eligibility, students must complete a minimum of 21 credits each academic year, 10.5 credits if enrolled for only one semester during the academic year. For a complete statement of the Satisfactory Academic Progress policy, see section on Financial Aid Policies and Criteria.

Withdrawal Policies

COURSE WITHDRAWAL & THE NOTATION OF "W"

The notation of "W" is an administrative action, since it is a record of action taken by the student or administration and is not a reflection of the student's performance in the course. Withdrawals will be noted as follows.

1) Students may drop a course without notation on their academic record during the published add/drop period or before the second scheduled class meeting, whichever occurs later. For the purposes of this policy, online and hybrid courses are deemed to begin meeting on the first day of the semester at 9a.m., unless otherwise noted They will be considered meeting as other in-person courses in a given term (i.e. two-three times per week for 14-15 week terms, twice per week for 6-7 week terms, daily for intersession terms). The calendar dates for this process will be published in the Course Offerings Booklet. In traditional semesters, all day student withdrawals must be made through the Office of the Registrar and Continuing Education (DGCE) student withdrawals must be made through the Office of Continuing Education. In winter and summer sessions, all withdrawals must be made through the Office of DGCE.
2) Students may withdraw up to three weeks prior to the last day of classes for traditional semester courses and before 75% of a course is complete for courses in shortened sessions (i.e. two weeks prior to the last day of classes for eight week courses) by completing a Withdrawal From. The notation of "W" will be placed on the student's record for the course(s) dropped during this period. This form requires the professor's signature. This procedure is designed to inform the faculty member of the student's intent and action. The calendar dates for this process will be published in the Course Offering Booklet. Withdrawal forms must be signed and returned to the Office of the Registrar or DGCE office, depending on the student's division, by the due date. Permission from the faculty member via email is permitted. Choosing to withdraw is a serious matter, and it should be known that withdrawing from a course can affect a student's class standing, full-time status, financial aid, etc. A student should consider speaking with the instructor, a faculty advisor, or an advisor in the Academic Advising Center before dropping a course.
3) Administrative offices can withdraw students for cause. Reasons

for administrative withdrawal may include non-payment of tuition and fees, lack of health form information, academic failure or probation, exceeding the permissible number of credits in a single semester, and/or disciplinary action. The notation of "AW" is made on the student's record for all courses dropped administratively. Please note, that withdrawal for non-payment should not be assumed.

4) Students who enroll in a course and miss all scheduled class meetings during the first week (five class days) of the semester may be withdrawn from that course at the discretion of the professor. Students who are enrolled in shortened session courses or courses that meet only once a week may be withdrawn after missing the first two scheduled class meetings. For purposes of this policy, online and hybrid courses are deemed to begin meeting on the first day of the semester at 9a.m., unless otherwise noted. They will be considered meeting as other in-person courses in a given term (i.e. first week of the semester for full-term courses, twice per week for shortened terms). Professors are asked to justify such a decision at the time of the recommended withdrawal. Beginning with the third week of classes (or with the third class meeting in shortened sessions), a professor may not submit a "W."
5) Students who can document extenuating circumstances that prevent them from submitting a Withdrawal Form during the published Withdrawal dates may be allowed to drop a course with a "W" notation on their transcript beyond the normal course withdrawal period. These students must complete a form explaining the extenuating circumstances and obtain signatures from the Associate Dean of Academic Achievement a (Day Division), or the Dean of Graduate and Continuing Education (Continuing Education Division) and the professor for the course. Examples of extenuating circumstances may include health, family, or employment issues. Refunds of tuition for courses in the Division of Continuing Education, if any, are made on the basis of the date and time of receipt of withdrawal notification in the Continuing Education Office, and in accordance with the refund schedule in force during the session within which the refund is requested.

NOTE: Day students are not permitted to withdraw from English Composition I or English Composition II.

Procedure For Withdrawing From College, Day Division

Students leaving the University, either during a semester or between semesters, must complete WITHDRAWAL CLEARANCE FORM which may be obtained in the Office of the Registrar, Dean of Students, or Associate Dean, Academic Achievement. Students withdrawing from the University during the semester will receive a "W" in each course. Students who leave the University during a semester and do not officially withdraw will receive "F" grades in all courses.

When students withdraw completely from the University during the last three weeks of the semester, their instructors are polled to determine whether the students were passing or failing their courses at the time of the withdrawal. Students who were passing a majority of their courses may return to the University for the next academic semester. Students who were failing a majority of their courses may not be permitted to return for the next semester.

Students Called To Active Military Duty

Students who are unable to complete a semester because they are called to active United States military duty shall, upon verification, be granted the option of a refund or credit of tuition and campus fees. With respect to any health insurance fee, the refund policy is subject to the concurrence of the carrier.

- Students who have received any form of financial aid including a full or partial scholarship or student loan, or those who expect to receive such aid should contact the Financial Aid office to make appropriate arrangements.
- Students shall receive non-punitive withdrawals in all courses from which they are required to withdraw.
- Students residing in residence halls shall receive refunds on a pro rata basis for the remainder of the semester.
- Verification of the call to service must be provided by providing the Veteran Services Coordinator with a copy of the Order to Active Duty within one week of receipt of the order.
- The University's President may waive or suspend any institutional policy or regulation that negatively impacts students in their withdrawal or readmission to the institution due to a call to active duty.
- Any student required to withdraw due to being called to active duty shall be given priority in enrollment in the program of his or her choice upon return to the institution for the two semesters immediately following his or her discharge from active duty

MassTransfer - Transferring out of Westfield State to Another Massachusetts State Institution

Students who are transferring out of Westfield State to another Massachusetts state institution of higher education (community college, state college or UMASS campus) may request to have their academic transcript reflect completion of the MassTransfer block requirements. All requests for the review of MassTransfer requirements, and the addition of the "MassTransfer Block Complete" notation on the transcript, must be made in writing to the Office of the Registrar located in Parenzo Hall 107. If the student has completed the prescribed 34 credits required of the MassTransfer block with a 2.00 GPA in those courses, they are eligible for special benefits as outlined in "Section II" of the MassTransfer policy in the Admission section of this *Bulletin*. To assist students, the following chart of Westfield State University courses have been approved to satisfy the MassTransfer requirements:

MassTransfer	*Westfield Course Prefixes*
English Composition (6 cr.)	ENGL 0101 and ENGL 0102 (or ENGL 0105/0110 as the honors sequence)
Behavioral and Social Sciences (9 cr.)	COMM, CRJU, ECON, EDUC, EGST, HIST, MCES, POLS, PSYC, SOCI, SOCW, WSTP
Humanities and Fine Arts (9 cr.)	ART, ENGL (not ENGL 0101 or 0102), PHIL, LANG, LLIT, LCUL, All Languages, MUSC, THEA
Natural or Physical Science (7 credits including 1, 4 credit lab science)	ASTR, BIOL, CHEM, GARP, GEOL, GNSC, MOVP, PHSC
Mathematics/Quantitative Reasoning (3 cr.)	MATH, CAIS

Adding Courses

Students may add courses to their schedules during the first week of each semester, or during the dates specified in the Course Offerings Booklet for adding second eight-week (Session B) courses. Students will not be permitted to add evening courses after the second class meeting has begun. Please review the ADD procedure in the Course Offerings Booklet.

Directed/Independent Study Courses

Students desiring to enroll in departmental Independent Study projects must register for the course by filing an Independent Study/Course by Special Arrangement form, available at the Office of the Registrar for Day Division students or Graduate and Continuing Education Office for Continuing Education students. This form requires a description of each project and must be approved by the faculty member, department chairperson, and the Dean of Undergraduate Studies (Day Division) or the Dean of Graduate and Continuing Education (Division of Graduate and Continuing Education). FIRST-YEAR STUDENTS (students with fewer than 24 credits) ARE INELIGIBLE. Students may take only one Independent Study in any given semester and not more than four as part of their undergraduate work at Westfield State University. Students must register for the Independent Study credits by the end of the add/drop period of the semester (typically the first calendar week of the term), students are also allowed to register for Independent Studies during the pre-registration period.

Internship, Practicum, and Field Placement Policy

Note: The University makes no distinction among Internships, Practica, and Field Placements.

1. Students must accumulate 40-50 contact hours (including service hours, on-campus meetings, and classroom hours) per each internship credit hour, except in education practica, where 25 hours are required for each credit awarded. This distinction takes into account the outside of class preparation and grading time that are a component of the education practica. The number of credit hours for an internship course can range from 1 to 15 credit hours, with departmental approval.
2. A class may be part of the internship experience, and class time is considered part of the total number of internship credit hours.
3. Students are required to submit to the faculty liaison a minimum of one paper, project, portfolio, or presentation that demonstrates the integration of the field experience with course learning.
4. A contract specifying the learning goals for the internship will be established by the student, faculty liaison and field supervisor. The faculty liaison will make at least one field visit, if possible, during the semester. If site visits are not possible, the faculty liaison will conduct telephone interviews with the student and field supervisor. The student and faculty liaison will meet a minimum of two additional times during the semester. The additional meetings are not required if there is a regular class component to the internship. The faculty liaison is responsible for assigning the student's grade for the semester.
5. Each academic department offering internships will have policies and procedures to guide the internship process. These will be made available to students and internship agencies.
6. Students may be paid for internship work. However, student interns are not expected to carry the same work load as regular employees. They are to be offered opportunities to practice new skills and integrate new knowledge. They will be provided an appropriate level of support and supervision to maintain the integrity of the learning experience. If a student is completing an internship in his/her current work place, the internship must have work assignments that are not part of the student's current job and be supervised by someone other than the student's regular supervisor. This requirement does not apply to students doing internships for teacher certification.
7. Students may not earn more than a total of 15 credits toward the Bachelor's degree from any combination of internships, practica, and field experiences.

Students must register for the internship, practicum, and/or field placement by the end of the add/drop period (typically the first calendar week of the term), students are also allowed to register during the pre-registration period.

The wording of the policy above is a summary of the policy. The complete policy may be found it the Westfield State University Policies and Procedures Manual.

The Academic Major

Declaring A Major

All students should be accepted into a major by the beginning of their junior year (54 or more credits), or they may be denied permission to register for courses. In accepting students the University has an obligation to provide a complete program of study, including a major. However, the University may not be able to guarantee that there will be space available in all majors. Departments may establish specific requirements for entrance and retention in a major. Day students should consult the intended department, the Office of Academic Affairs, or the Academic Achievement Center. Continuing Education students should consult their advisor or the Director of Academic Advising.

Changing A Major

Students wishing to change their majors must secure a Change of Major Form from the Office of the Registrar or Continuing Education Office, depending on their Division. This form requires the approval of the Chair of the new department and release from the Chair of the original department.

Adding A Major

A student may complete the requirements for the major in two academic areas. To add a second major, Day Division students must secure a "Double Major Form" from the Office of the Registrar, Continuing Education students from the Continuing Education Office. This form requires the approval of the Chair of the department the student is adding as the second major.

Academic Minors

Definition Of A Minor

A student may include a minor in an academic area different from the major as part of his/her course of study. An academic minor at Westfield State University requires a minimum of 18 credit hours of study; a minimum of six (6) credit hours for a minor must be earned here at Westfield State University; and a minimum GPA of 2.0 must be attained for the coursework fulfilling a minor's requirements. A student shall be allowed to undertake, complete, and be granted any number of minors. Any other standards, definitions, or requirements for academic

inors shall be left to the discretion of the faculty in the individual isciplines, subject to the approval of governance. Details about spe-ific minors and their requirements are included in the departmental istings.

Declaring A Minor

tudents must officially declare their intent to complete a minor(s) in rder for that information to appear on the official academic transcript. tudents must submit the "Declaration of Minor" form to either the egistrar's Office (day students) or to the Division of Graduate and ontinuing Education (DGCE students) along with the appropriate ignatures. Minors, along with majors and all other graduation re-uirements, will be certified by the department and/or Registrar upon raduation. An uncompleted declared minor will prevent students rom graduating. Students may also use the "Declaration of Minor" orm to remove a minor from their record.

lass Attendance

he student classroom attendance regulations shall be determined in-ividually by each member of the faculty who is responsible and ac-ountable for stating these regulations clearly in writing at the begin-ing of each course of instruction. Students may be dropped from any lass at the discretion of the professor, if they miss all scheduled class eetings during the first week (five class days) of the semester.

xaminations And Finals

ll students are required to take each and every examination assigned y their instructors at the designated time and place. A final examina-on schedule for day classes is posted each semester. When a student isses a final examination with a valid reason, but has met all the other equirements of the course, the Incomplete grade (I) may be assigned. If student misses an examination, the instructor may offer a "make-up" xamination at his/her discretion.

bsence Due To Religious Beliefs

Massachusetts General Laws Chapter 151C, 2B)

ny student in an educational or vocational training institution, other han a religious or denominational educational or vocational training stitution, who is unable, because of her/his religious beliefs, to attend asses or to participate in any examination, study, or work require-ent on a particular day shall be excused from such examination or tudy or work requirement, and shall be provided with an opportunity o make up such examination, study, or work requirement which he/ e may have missed because of such absence on any particular day; rovided, however, that such makeup examination or work shall not reate an unreasonable burden upon such school. No fees of any kind hall be charged by the institution for making available to said student uch an opportunity. No adverse or prejudicial effects shall result to ny student because of his/her availing him/herself to the provisions of his section.

raduation

equirements For Graduation

tudents must meet all of the following requirements to graduate with baccalaureate degree:

1. A cumulative institutional GPA of 2.00 or better.
2. A cumulative overall GPA of 2.00 or better in their major. Major requirements are those in effect at the time the student matriculates into the major. Some departments have higher minimum standards and qualifications for the major GPA. Please refer to the departmental pages in the appropriate Bulletin year.
3. 120 earned credits, of which 30 credits must be completed at Westfield State University. Earned credits require a grade of "D" or better.
4. Successful completion of core requirements.
5. Successful completion of the major requirements.
6. Successful completion of the minor requirements, if any has been declared.
7. Have no outstanding Incomplete grades.

Students should refer to their degree audit and check with their advisors before their senior year (84 credits) to ensure that they have planned a course of study that will meet all of these requirements for graduation. Upon graduation the student's undergraduate record is "closed" meaning that no academic programs (majors, minors, concentrations, and/or certifications) can be added after the degree is initially conferred even if the requirements have been met.

Honors/Awards

Graduation Honors are deemed to be a form of recognition for a student's entire undergraduate career. Consequently, for purposes of determining honors eligibility, a cumulative grade point average (GPA) is calculated for all courses accepted in transfer, as well as on all Westfield State University courses.

The Grade Point Averages for Latin Honors recognition are:

cum laude	3.30 to 3.59
magna cum laude	3.60 to 3.79
summa cum laude	3.80 or better

Students must have completed a minimum of 60 credit hours at Westfield State University to be eligible for graduation honors. Second bachelor's candidates who have completed a minimum of 60 credits at Westfield State University may be recognized with graduation honors. Graduation Honors will be announced for both graduates and those students approved to participate in graduation. Graduation Honors will only be included on the students' official transcript at the point of completing their degree and in accordance with the above GPA ranges at the time of completion. An appeal to these criteria may be heard by the Vice President of Academic Affairs or by his/her designee.

The title of Valedictorian/Salutatorian is awarded to day division students with the highest and second highest GPAs with all coursework complete at Westfield State University (exclusive of AP credits).

The Dean's Award for Academic Excellence is awarded to a continuing education undergraduate with the highest institutional GPA and with a minimum of 60 credits completed at Westfield State University.

Graduation Ceremony Participation

In order to allow potential August graduates to participate in commencement with their graduating class, Day Division students who will have completed at least 114 credit hours of credit by the end of the spring semester may submit a written petition to the Associate Dean of Academic Achievement (day) or the Dean of Graduate and Continuing Education (evening), requesting that they be allowed to participate in the ceremonies.

Continuing Education students may petition the Dean of Graduate and Continuing Education by March 4. Petitions to the Dean should reflect an approved plan to complete the program by the end of the second summer session.

Students requesting such permission should be within two courses of

completing all degree requirements. Permission is granted at the discretion of the Associate Dean of Academic Achievement (day students) or the Dean of Graduate and Continuing Education (Continuing Education students) and is contingent upon the student's completion of all courses in progress. In addition, to participate in the ceremony, the student must have met the requirement of a 2.0 GPA overall and in all courses applied to the major requirements. As this policy is applied, students are expected to have met all other requirements for graduation listed above.

Note: The wording of the above policy has been modified to provide students with additional information about how the policy is applied and/or procedures to follow when applying the policy. The exact wording of the original policy may be found in the Westfield State University Policies and Procedures Manual.

Procedures For Graduation

All Day Division students wishing to graduate at the end of the spring semester must make a formal application for graduation to the Office of the Registrar by March 1. Prospective August graduates must apply by July 1, and prospective January graduates must apply by November 1. Diplomas are not awarded without formal application.

All undergraduate and graduate students wishing to graduate through the Division of Graduate and Continuing Education must make a formal application for graduation directly to DGCE by March 1. Prospective August graduates must apply by April 1, and prospective January graduates must apply by November 1. If a formal application is not completed, students may neither participate in graduation ceremonies nor receive the degree at that time. Diplomas are not awarded without formal application.

It is the responsibility of each senior student in either Division to provide the University with official transcripts and other pertinent information concerning all course work completed or in progress at institutions other than Westfield State University.

Listing The Major On Diplomas

The major of each student may be listed on the diploma. Students have the option of not having their major listed on the diploma. Students who have completed two majors may have both listed on the diploma. Neither concentrations nor minors are listed on the diploma.

Licensure For Teaching

All graduates who satisfactorily complete the requirements of a college-approved program for teacher licensure, including passing the appropriate Massachusetts Tests for Educator Licensure, are recommended for licensure to the Massachusetts Department of Elementary and Secondary Education. Students receiving licensure through an approved program are covered by the NASDTEC Interstate Agreement.

Under current regulations for teacher licensure in Massachusetts, students must complete a liberal arts or sciences major, or an approved interdisciplinary major, together with their education major or licensure program. Students seeking an education major or licensure in early childhood, elementary, or special education are strongly encouraged to select Liberal Studies or General Science as their Liberal Arts and Sciences major. Completion of all required course work and passing of the appropriate Massachusetts Tests for Educator Licensure (MTEL) leads to initial licensure.

The Education Department and the Office of the Dean of Education at Westfield State University maintain admission and retention criteria for teacher licensure programs. First-year students are accepted into the major provisionally and after completing the following items achieve Advanced Standing in the major or licensure program:

1) Overall GPA of 2.6
2) Average of 2.7 in English Composition I and II (6 credits), or a 2.3 in ENGL 0200, Writing for Teacher Candidates (3 credits)
3) Passing grades in both the reading and writing sections of the Massachusetts Test for Educator Licensure in Communication and Literacy.
4) Completion of 57 credits.

In order to be eligible for student teaching, a student must have completed all required course and field work, must have earned an overall GPA of 2.8 (including transfer work), and must have earned a passing grade in the appropriate Massachusetts Test for Educator Licensure subject area test, or tests.

Required field placements must accommodate a range of characteristics including range of grade level and types of settings. Also teacher candidates must complete either one 30-hour pre-practicum placement or student teaching with students from diverse backgrounds. Placements for student teaching (practicum) are limited to within a 30-mile radius of the University.

Because the Massachusetts Department of Elementary and Secondary Education continually revises teacher education standards and requirements for licensure, students are advised that program requirements are subject to change to comply with state and professional standards. The Teacher Education Council at Westfield State University makes every effort to notify students of changes in program requirements and regulations as soon as they are officially published by the state. When it is appropriate to do so, the Department advises students of potential changes in advance of formal announcement and implementation. Students are responsible for major and/or licensure program requirements and are strongly advised to meet with their advisors regularly. Our licensure programs are performance-based and our graduates must meet ten core teaching outcomes.

For further information, students are encouraged to contact the Dean of Education at (413) 572-5326, or the Chair of the Education Department at (413) 572-5315.

NASDTEC Interstate Agreement

The National Association of State Directors of Teacher Education and Certification (NASDTEC) Interstate Agreement is the legally based teacher certification (licensure) agreement among all 50 U.S. States and the District of Columbia.

Requesting Transcripts

Transcripts are issued by the Office of the Registrar for Day Division students, and by the Division of Graduate and Continuing Education for students registered through that office. Transcripts must be requested in writing by the student. Telephone requests are not accepted. There is a processing fee for each transcript. A printable form is available at westfield.ma.edu/registrar.

Students may request unofficial copies of their transcripts for their own use or sealed, official copies to be hand-delivered by the student. Sealed, official transcripts are stamped "Not valid if seal broken" on both the transcript and envelope.

Note: The wording of the above policy has been modified to provide students with additional information about how the policy is applied and/or procedures to follow when applying the policy. The exact wording of the original policy may be found in the Westfield State University Policies and Procedures Manual.

Academic Conduct Policies

Students also should review related information found in the Student Handbook, which is published by the Division of Student Affairs, also available at: westfield.ma.edu/studenthandbook.

Academic Freedom And Responsibility

The Board of Trustees and the Massachusetts Teachers Association/NEA endorse the principles and standards of academic freedom and academic responsibility as generally and traditionally accepted in institutions of higher education. They agree to promote public understanding and support of academic freedom and agreement upon procedures to assure academic freedom in colleges and universities. Institutions of higher education are conducted for the common good and not to further the interest of either the individual teacher or the institution as a whole. The common good depends upon the free search for truth and its free exposition. Academic freedom is essential to these purposes and applies to both teaching and research.

Academic freedom is the right of scholars in institutions of higher education to study, discuss, investigate, teach, exhibit, perform, and publish. Freedom in research is fundamental to the advancement of truth. Academic freedom in its teaching aspect is fundamental for the protection of the rights of the teacher in teaching and of the student in learning.

The teacher is entitled to full freedom in research and in the exhibition, performance, and publication of the results of his/her research, to full freedom in the classroom in discussing his/her subject, and most specifically in the selection of classroom materials including selection of texts. The teacher is entitled to discuss controversial issues. As both a teacher and scholar, he/she recognizes a professional obligation to present various scholarly opinions and to avoid presenting totally unrelated materials.

Academic Honesty Policy

The purpose of the Academic Honesty Policy is to provide a clear statement of expectations on academic integrity and a fair process to handle alleged violations.

POLICY

1. Underlying Principles
   - A. Academic honesty, a necessary foundation of a learning community, is expected of all members of the University community. Academic freedom depends on honesty and integrity. The University makes academic integrity a priority and the administration must provide support services to address issues of academic honesty.
   - B. Maintaining the standards of academic honesty requires the mutual cooperation of all members of the campus community. Both students and faculty/librarians are called upon to promote the pursuit of truth and learning, and respect for the intellectual accomplishment of others. Students are responsible for understanding the principles of academic integrity and for the academic integrity of all work submitted for credit. All members of the academic community also are expected to report incidents of academic dishonesty to the faculty member teaching the course or the department chair. In addition to the entire community's responsibility, faculty will promote academic integrity through clear expectations on syllabi for homework, collaborative assignments, research papers, exams, use of the internet, and so on. If any member of the academic community finds evidence of academic dishonesty, she/he is expected to report it promptly (see process and deadlines below).
   - C. Violations of the Academic Honesty Policy are unacceptable and are subject to academic penalties, including reduced grade, failure of the course, and suspension or dismissal from the University.
   - D. Violations of academic honesty include, but are not limited to, cheating on examinations, plagiarism, submission of papers for credit in two or more courses, interference with the ability of other students to make use of permitted course materials, facilitating academic dishonesty, engaging in research on human or animal subjects without permission from the appropriate campus committee, and failure to report academic dishonesty.
   - E. Once a student has been charged with a violation of this policy, the student's status will continue until the conclusion of Academic Honesty proceedings, but no degree will be awarded until the matter is resolved. Withdrawal from the course may not be used to avoid a formal charge of academic dishonesty.
   - F. Parties involved in this process, including the student, faculty member, department chair, appropriate dean, vice president for academic affairs, and the academic honesty committee shall maintain strict confidentiality during and after this process.

2. Violations
   - A. Cheating on Examinations
     1. Violations of academic honesty with regard to examinations consist of the following:
     2. Receiving assistance or assisting others while the examination is in progress. Obtaining or attempting to obtain prior to an examination, copies of the examination or the questions to appear on the examination.
     3. Disseminating any written or verbal information regarding the contents of an examination to students who have not yet completed or taken the examination.
     4. Using or consulting any unauthorized information, such as notes or books, during an examination.
   - B. Plagiarism

     Plagiarism is the act of presenting the intellectual work of others (works, ideas, artwork, computer programming code, etc.) as if it were one's own work. Some common forms of plagiarism are submitting someone else's paper as one's own, copying a passage from another source without citing the source, and expressing a published idea of theory in different words without crediting the source of the idea. Plagiarism constitutes intellectual dishonesty and a theft of intellectual property. Plagiarism is the most serious charge in academia, for it undermines the integrity of academic inquiry and scholarship. All scholars – faculty, librarians, and students alike – are to be held to the same standards. Issues of plagiarism may be subtle; therefore, students are encouraged to discuss any questions they have with the faculty member teaching the course and other support services on campus.
   - C. Fabrication

     A student may not fabricate – that is, falsify or invent – information or citation in an academic assignment. This includes information used in laboratory experiments or reports, and reproduction of a quote from a book review or other secondary

source while indicating that the quotation was obtained from the book itself.

D. Multiple Submissions of a Single Paper
A student may not submit the same paper, presentation, or other work for credit in more than one course without prior written consent from the instructors of the courses involved.

E. Interference with Use of Materials
A student may not interfere with the ability of other students to make use of permitted course materials. This includes denying others access to scholarly resources or deliberately interfering with the progress of another student or scholar such as by giving false or misleading information, making library materials unavailable by stealing or defacing books or journals, deliberately misplacing or destroying reserve materials, or altering computer files that belong to another.

F. Facilitating Academic Dishonesty
A student may not knowingly or negligently allow their work to be used by another student or otherwise help others violate any aspect of the Academic Honesty Policy. Students who help others in this way are guilty of academic dishonesty even if they do not personally benefit from the dishonest act.

G. Improper use of Human and Animal Subjects
Research involving human beings requires review and approval of the Institutional Review Board (IRB) for the Protection of Human Subjects. Such research requires informed written consent. Students and faculty engaged in research involving animals requires review and approval by the Institutional Animal Care and Use Committee (IACUC).

H. Failure to Report Academic Dishonesty
Failing to report incidents of academic dishonesty to the faculty member teaching the course or the department chair is an example of academic dishonesty and is liable to the same sanctions.

3. Recommended syllabus text
It is recommended that instructors discuss academic honesty on the first day of class, and that they include the following text in their syllabus:

Academic honesty is expected of all members of the academic community. Academic dishonesty includes cheating on examinations, plagiarism, fabrication, multiple submissions of a single paper, interference with use of materials, facilitating academic dishonesty, improper use of human and animal subjects, and failure to report incidents of academic dishonesty. Violations may result in failure of the assignment, failure of the course, or suspension or dismissal from the University.

4. Establishment and Role of the Academic Honesty Committee
A. The Academic Honesty Committee (AHC) will be comprised of four (4) faculty members/librarians and one (1) student member. Faculty members/librarians shall be selected or appointed by the MSCA. It is recommended that no more than one faculty member/librarian from a department serve on the AHC. The student member will be selected by SGA.

B. The AHC is charged with evaluating evidence, determining responsibility, considering mitigating circumstances, and deciding sanctions. All evidence and deliberations before the AHC are confidential.

5. Process for Charges of Academic Dishonesty
A. Faculty members are encouraged to seek an informal resolution of the violation with the student within fifteen (15) business days from the discovery of the violation.

B. The faculty member will notify the student of the alleged violation within five (5) business days of the discovery and offer the student a reasonable opportunity to discuss the issue before taking any action. This notification may be by campus mail or email. The notification should include documentation of the date of discovery and set a deadline for the student to meet with the faculty member. This deadline should be no fewer than five (5) and no more than ten (10) business days from the notification. Either the student or the faculty member may invite the department chair to attend the meeting, but neither is required to do so.

C. Withdrawal from the course may not be used to avoid a formal charge of academic dishonesty.

D. If the faculty member and the student agree during their discussions that the violation does not rise to the level of a formal charge of Academic Dishonesty, the matter is ended in an informal resolution. Such a resolution could include repeating the assignment, completing additional work, a grade penalty for the assignment or the course, or some other settlement.

E. If the faculty member and the student agree that academic dishonesty did occur, the student will sign the form included at the end of this policy that admits the violation of the policy. The form will be filed with the Dean who will maintain all such records.

F. If the student and faculty member cannot agree, the faculty member must file a formal charge of academic dishonesty with the Dean within fifteen (15) business days from the date the student and faculty member reached an impasse, which sets in motion the hearing process. The faculty member may not issue sanctions (see Sanctions below) without admission of a violation by the student or the resolution of formal charges. Included in the charges will be a letter of explanation and all case materials that document or led to the charges.

G. The Dean will schedule a hearing to take place within fifteen (15) business days of the formal filing of the charge. If the charge occurs with fewer than twenty-one (21) calendar days remaining before the final day of classes in the academic semester, the case may be carried over to the next semester. No hearings will be held between June 1 and August 31, or between the Fall and Spring semesters. At any point in the process the student may admit the violation as charged, or the faculty member may withdraw the charges.

H. The student charged will receive notification from the Dean of the date, time and place of the hearing; the source and nature of the charge; a list of the Academic Honesty Committee members; and the possible sanctions. Evidence to be submitted at the hearing by the faculty member bringing the charge must be available at least five (5) business days prior to the hearing for review by the student in the Office of Academic Affairs.

I. At the hearing, at least four (4) members of the committee, including the student member, must be present to establish a quorum. The hearing will be a closed meeting, and may be attended by the hearing committee, the faculty member, the student charged, and the Dean. The student and faculty member may each be accompanied by one (1) person; said person(s) may not be present as formal legal representation or participate in the process in any way. If the student charged or the faculty member making the charge chooses not to participate, the hearing will proceed as scheduled.

J. The Dean will convene the hearing. The charge will be presented along with relevant evidence and witnesses. The student has an opportunity to respond to the charge and present evidence, in which case, the faculty member making the charge and the hear

ing committee may question the student at the conclusion of his or her presentation. The hearing will conclude with closing statements by the faculty member bringing the charge and then by the student charged.

K. Immediately following the hearing, the AHC will meet privately to deliberate and to determine the outcome by a majority vote through secret ballot. Committee members may not abstain from voting. Once the finding is reached, the AHC will then decide the sanction appropriate to the case. The Dean will mail written notification of the decision and any sanction within five (5) business days to the student and the faculty member involved. The finding of the Committee with regard to the question of academic honesty is final.

L. Appeals may be based only on procedural error or sanction imposed, and they must be filed within five (5) business days of the notification of the decision. The appeal must be in writing and submitted to the Vice President for Academic Affairs for adjudication.

. Sanctions

Recommended minimum sanctions after an admission or finding of academic dishonesty follow. Committee members are urged to take into account the seriousness of the offense and to seek the recommendation of the faculty member making the charge.

A. First Offense: failure of the course or suspension from the University.

B. Second Offense: suspension or dismissal from the University.

f a student receives a grade sanction for the course because of an admission or finding of academic dishonesty, he or she may repeat that ourse but the grade substitution policy will not apply. The grade submitted for the course in question will continue to be counted in the tudent's cumulative grade point average.

lo sanctions will be imposed until all aspects of the case are concluded.

. Official Records

The Office of Academic Affairs will maintain official records of disciplinary action. Records will not be released to individuals outside the University except by the written authorization of the student involved or under the conditions specified in the Family Educational Rights and Privacy Act (FERPA). Access to the official records of disciplinary action must be authorized by the Vice President of Academic Affairs, or the Dean of Undergraduate Studies or Graduate and Continuing Education.

lassroom Student Conduct Policy

Vestfield State University students are prohibited from engaging in ehavior or activity that causes the disruption of teaching, learning, esearch, and other academic activities recognized as necessary to the lfillment of the University mission.

xamples of potentially disruptive behavior may include but are not mited to, using inappropriate language directed at an individual or roup, unsolicited talking in class, sleeping in class, using or activating ell phones, arriving at or leaving the classroom while class is in session, and/or failing to comply with the legitimate request of a College aculty member.

hen disruptive behavior occurs in the classroom, a faculty member as the right to remove the student from the classroom. The faculty ember will communicate the reason for the removal to the student d indicate the expected appropriate conduct. If the student continues to engage in disruptive behavior during future class sessions, the faculty member will forward written documentation of the student's inappropriate behavior to the respective department chairperson, who subsequently will meet the student to review the matter and determine an appropriate course of action.

If the student continues to demonstrate disruptive behavior or does not comply with the documented course of action, the student may be permanently removed from the course after a review conducted by the Dean of Undergraduate Studies or the Dean of Graduate and Continuing Education, as appropriate.

Students who exhibit behavior that immediately endangers or more seriously disrupts the establishment or maintenance of an appropriate learning environment in the classroom are subject to an immediate review by the Dean of Undergraduate Studies or the Dean of Graduate and Continuing Education or by the student judicial procedures.

In applying this policy, faculty and academic administrators shall give due regard to the requirements of the Americans with Disabilities Act (ADA), providing for reasonable accommodations for students with disabilities.

The Vice President for Academic Affairs will act as the sole and final appeal for any decisions made by the Dean of Undergraduate Studies or the Dean of Graduate and Continuing Education.

In some cases, the student may also be subject to Student Conduct action as determined by the University.

Copying Computer Software

The software installed on College computers is protected by copyright laws, and the University has purchased the right to run this software. It does not have the right to make unlimited copies of this software. Making unauthorized personal copies of installed software is against the law.

Laboratory And Classroom Use

The primary use of laboratory and classroom space is for instruction purposes. Consequently, priority for room use will be given to faculty holding classes.

Faculty holding classes in computer labs or other specialized facilities have the right to ask students or staff not enrolled in the class to leave. Faculty reserve the right to allow students or staff to work independently in the room during class time.

To assist in the use of specialized facilities, a classroom use schedule is posted. Please schedule your work accordingly. Any member of the University community who wishes to schedule specialized facilities must make arrangements in accordance with normal classroom scheduling procedures.

Non-Academic Policies

Alcohol And Other Drug Policy

The Westfield State University policy and regulations pertaining to the possession and consumption of alcoholic beverages and the possession, use, sale and distribution of other drugs are designed (1) to conform to the Massachusetts laws, which subject violators to criminal prosecution, and (2) to enhance the health, safety, property, and educational interests of all members of the University community. Accordingly, the University recognizes that certain conduct proscriptions, limitations, and guidelines, which are outlined in the Westfield State University Student Handbook, are necessary. The entire text of the Alcohol and other Drug Policy is found in the Student Handbook or may be obtained in the Student Affairs office, Ely 116.

All violators of these regulations will be brought before the student judiciary for disposition of their cases. Alcohol offenses are subject to sanctions as outlined in the policy including:

First Offense: Ten hours of participation in community events or an educational work project and complication of substance education classes. A $100 fee will be assessed for on-campus substance education classes and made payable within thirty (30) days of a College judicial procedure decision.

Second Offense: Suspension from College housing for one (1) academic semester or more with readmission to occur after verification of completion of a counseling evaluation and recommended follow-up treatment.

Third Offense: Suspension from the University for one (1) academic semester or more with readmission to occur after verification of completion of a counseling evaluation and recommended follow-up treatment.

Major Alcohol Offenses: The following violations shall meet minimally with an immediate suspension from housing for one (1) full academic semester or more:

The possession or use of alcoholic beverage containers such as kegs or beer balls or the functional equivalent (whether full, partially full, or empty), as well as punch bowls or any container(s) that indicated the probability of common source drinking or bar service (whether full, partially full, or empty).

The delivery, gratuitously or for sale, of alcoholic beverages to a person under the age of twenty-one (21).

Note: Failure of a student to follow through with a sanction will result in the automatic elevation of the sanction to the next level after the failure is proven through due process procedures published in the Student Conduct Code. Individual exceptions regarding the modification of attendance at substance education classes will be based solely on academic reasons.

The use or possession of drug paraphernalia on the Westfield State University campus is strictly prohibited. Any student found in possession of drug paraphernalia and found responsible for such possession shall be placed on College probation for one (1) academic year, shall complete ten hours of participation in community events or a work project, and shall be required to complete on-campus substance education classes and pay the service fee of $100 for these classes within thirty (30) days of a College disciplinary procedure decision. A student found responsible for a second offense shall be subject to College housing suspension for one (1) full academic semester or more, and completion of a counseling evaluation and any recommended follow-up. After a second offense, a student shall be subject to College suspension for one (1) full academic semester or more. Prior to returning to College housing and/or College, the student must provide verification of completion of a counseling evaluation and any recommended follow-up.

Drug Use or Possession: Any student found in possession of marijuana or an illegal drug substance in any amount or found to be using marijuana or such illicit substance and found responsible of such possession or use (this applies only to first-time offenders) shall be suspended from housing for one (1) academic semester or more with readmission to occur after verification of completion of a counseling evaluation and any recommended follow-up treatment. In addition the student will complete ten hours of participation in community events or a work project and complete on-campus substance education classes and be assessed a $100 service fee for these classes is payable within thirty (30) days of a College disciplinary responsible procedure decision.

Any student found responsible of a second offense of possession or use of marijuana or an illegal drug substance shall be suspended from the University for one (1) academic year or more with the possibility of returning to the University pending completion of a counseling evaluation and any recommended follow-up treatment and by the decision of the Vice President of Student Affairs, with no right of return after a third offense.

Possession with Intent to Sell or Distribute:
Any student found responsible for possession with the intent to sell or distribute an illicit substance will be expelled from the University with no right of return.

Evidence indicating possession with intent to sell or distribute any illicit substance may include possession of a large amount of an illicit drug substance, or possession of any amount of an illicit drug substance combined with other evidence indicating intent to sell or distribute such as but not limited to, weighing devices, cash boxes, bank rolls/large sums of money, cultivating equipment, chemicals used in the manufacture of illicit substances, plastic bags, or other quantifying devices.

Drug Sale or Distribution: Any student found responsible for the sale or distribution of prescription or illegal substances or drugs on the Westfield State University campus by the University Student Judicial System will immediately be expelled from the University with no right of return.

Tobacco Products: In considering the dangers of second-hand smoke and in following the national trends in reducing tobacco-related health risks, the use of tobacco products (i.e. cigars, cigarettes, pipes, chewing tobacco, and other usable forms of tobacco) shall be prohibited everywhere on campus grounds and in campus buildings. Complete text of the Smoking Policy can be found in the Student Handbook.

Other Drugs: While Westfield State University regulates the consumption of alcoholic beverages and prohibits the use of illicit drugs, the University, in promoting an environment directed toward wellness, recognizes that other legal substances may be used in harmful and abusive ways. In an effort to promote personal growth and problem solving without the use or abuse of substances, Westfield State University strongly discourages the abuse of any over-the-counter substances or prescription drugs. If the University has reasonable cause to believe that a student is abusing such drugs, the University may require

tudent to complete a counseling evaluation and any recommended ollow-up treatment.

The Family Educational Rights And Privacy Act (FERPA) Annual Notification

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

(1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

he University discloses education records without a student's prior ritten consent under the FERPA exception for disclosure to school ofials with legitimate educational interests. A school official is a person mployed by the University in an administrative, supervisory, academic research, or support staff position (including law enforcement unit ersonnel and health staff); a person or company with whom the Uniersity has contracted as its agent to provide a service instead of using ollege employees or officials (such as an attorney, auditor, or collecon agent); a person serving on the Board of Trustees; or a student rving on an official committee, such as a disciplinary or grievance ommittee, or assisting another school official in performing his or her sks. A school official has a legitimate educational interest if the ofial needs to review an education record in order to fulfill his or her ofessional responsibilities for the University. Additionally, the Uniersity has defined the following elements as "directory" information hich may be released without prior written consent upon request:

Name
Campus address
Campus telephone listing
Campus e-mail
Permanent address
Permanent telephone
Photograph
Enrollment status (full time or part time)
Date and place of birth
- School or college
- Major field of study
- Participation in officially recognized activities and sports
- Weight and height of member of athletic teams
- Dates of attendance
- Degrees and awards received
- The most recent previous educational agency or institution attended by the student

Requests to suppress from public distribution the above-mentioned directory information are to be made in writing by the student and submitted to the Office of the Registrar, Students Administrative Services. Request to suppress directory information remain in effect until the student notifies the Office of the Registrar in writing, their decision to reverse their original request to suppress.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

A more detailed FERPA policy can be obtained by contacting the the Dean of Students, Susan Lamontagne, 572-5421 or the Registrar, John Ohotnicky, 572-8971. Additionally, the full policy can be found online westfield.ma.edu/Current%5FStudents/Student_Handbook/index.html or westfield.ma.edu/registrar.

Student Travel

Students are advised to become familiar with the Westfield State University Student Travel Policy and Procedures Manual which is available in *myWestfield* under the *Campus Life* tab in the ***Student Travel*** channel. Forms used in connection with University approval of student travel and the disbursement of University funds (where applicable) are also available in the ***Student Travel*** channel. If you have any questions about student travel, please contact Amy Szlachetka, 572-5443.

Medical Forms And Immunizations

In order to register for classes at Westfield State University, every full-time student must present to the Department of Health Services a completed Westfield State University Health Form, which contains a clinician's certificate of a physical examination and immunizations. A TB Risk Assessment Form and a Meningitis Information and Waiver Form are included with the Health Form. Health forms can be printed from the Department's website at westfield.ma.edu/healthservices. The Department of Health Services requires Medical Health Forms to comply with University Policy and the Massachusetts Department of Public Health's mandates on immunizations. Certain vaccines may be offered by the Department for a fee. Students may be registered for classes on the condition that the required immunizations be obtained within thirty days of registration (see 105 Code of Massachusetts Regulations 220.600 and Massachusetts General Laws Chapter 76, section 15c). Students who fail to submit the required Health Form can be administratively withdrawn. A reinstatement fee will be charged after receipt of the required form.

Affirmative Action/Diversity/Equal Opportunity/Title IX and ADA Compliance

Contact: Rafael Bones, Assistant Vice President of Human Resources & Affirmative Action

Discrimination Complaint Procedures

A person who believes that s/he has been discriminated against on the basis of race, color, creed, religion, national origin, gender, age, disability, sexual orientation, gender identity, marital status, genetic information or veteran status may: a) File an informal claim either permitting or not permitting the use of his/her name, in an effort to resolve the matter; b) File a formal complaint either with or without first filing an informal claim; c) Proceed from an informal complaint to a formal claim; d) If provided for by law, file a charge directly with the local, state, or federal agency having appropriate jurisdiction.

Complaints that involve students may be investigated and adjudicated/processed in concert with the Student Conduct Office.

Information and assistance on any of these options are available from the Human Resources Office, The Horace Mann Center, 333 Western Avenue, Room 202, (413) 572-8277, or at the Affirmative Action and Equal Opportunity website: http://www.westfield.ma.edu/offices-services/affirmative-action-equal-opportunity-office/ Complete information on Complaint Procedures may be found in WSU Policy Number 2070.

Westfield State University maintains and promotes a policy of non-discrimination on the basis of race, color, creed, religion, national origin, gender, age, disability, sexual orientation, gender identity, marital status, genetic information or veteran status. This policy incorporates by reference and where applicable; the requirements of Federal Executive Orders 11246 and 11375, as amended; the Civil Rights Act of 1988; the Civil Rights Act of 1991; Title IX of the Higher Education Amendments of 1972 as amended; Section 503 and 504 of the Rehabilitation Act of 1973; the Americans with Disabilities Act of 1990; Section 402, Vietnam Era Veterans Readjustment Assistance Act of 1974; and pertinent Laws, Regulations and Executive Orders; directives of the Board Department of Higher Education, the Board of Trustees of Westfield State University and the Commonwealth of Massachusetts, and other applicable local, state, and federal statutes.

Non-discrimination requires the elimination of all existing discriminatory conditions, whether purposeful or inadvertent. Westfield State University shall examine systematically all policies and procedures to be sure that they do not, if implemented as stated, operate to the detriment of any person on the basis of race, color, creed, religion, national origin, gender, age, disability, sexual orientation, gender identity, marital status, genetic information or veteran status.

Westfield State University is committed to a policy of affirmative action, equal opportunity, non-discrimination, and diversity. It is committed to providing learning, working, and living environments for its students, employees, and other members of the university community that values the diverse backgrounds of all people. The University believes that the diversity of socioeconomic, racial, ethnic, religious, gender, sexual orientation, age, and disability backgrounds of members of the college community enriches the institution. The University will not tolerate behavior based on bigotry that has the effect of discriminating unlawfully against any member of the community.

(Excerpted from the Personnel Section of the Westfield State University Policy Manual, Policy Number 2020) Policy is available at: http://www.westfield.ma.edu/offices-services/affirmative-action-equal-opportunity-office/

Discriminatory Harassment Policy

Purpose

It is the goal of Westfield State University to promote a campus that is free of Discriminatory Harassment on the basis of gender, race, color, disability, religion, creed, age, sexual orientation, gender identity, genetic information, national origin, and marital or veteran status.

Policy

Discriminatory harassment of faculty, staff and students occurring in the classroom/learning environment or in other University settings is unlawful and will not be tolerated by the Commonwealth. Further, any retaliation against any individual for cooperating with an investigation of a discriminatory harassment complaint is similarly unlawful and will not be tolerated. To achieve our goal of providing a University environment free of discriminatory harassment, the conduct that is described in the policy will not be tolerated and we have provided a procedure by which inappropriate conduct will be dealt with, if encountered by faculty, staff and students. Because Westfield State University takes allegations of discriminatory harassment seriously, we will respond promptly, in accordance with the Massachusetts State Colleges Affirmation Action/Equal Opportunity/Diversity Plan to complaints of discriminatory harassment and where it is determined that such inappropriate conduct has occurred, we will act promptly to eliminate the conduct and impose such corrective action as is necessary, including disciplinary action where appropriate.

Please note that while this policy sets forth our goals of promoting a University environment that is free of discriminatory harassment, the policy is not designed or intended to limit our authority to discipline or take remedial action for workplace and classroom conduct which we deem unacceptable, regardless of whether that conduct satisfies the discriminatory harassment.

Definition of Discriminatory Harassment

"Discriminatory Harassment" is a form of unlawful discrimination including verbal and/or physical conduct based on legally protected characteristics and/or membership in a protected class that:

a. Has the purpose or effect of creating an objectively intimidating, hostile or offensive work or educational environment; or
b. Has the purpose or effect of unreasonably interfering with an individual's work or learning performance; or
c. Otherwise unreasonably adversely affects an individual's employment or educational opportunities.

For purposes of this Policy, speech or other expression constitutes Harassment by Personal Vilification if it:

a. Is intended to insult or stigmatize an individual or a small number of individuals on the basis of their gender, race, color, disability, religion, creed, age, sexual orientation, gender identity, genetic information, national origin, marital or veteran status; and
b. Is addressed directly to the individual or individuals whom it insults or stigmatizes; and
c. Makes use of insulting or "fighting" words or non-verbal symbols.

In the context of discriminatory harassment by personal vilification insulting or "fighting" words or non-verbal symbols are those that, by their very utterance, tend to incite to an immediate breach of peace and that are commonly understood to convey direct and visceral hatred or contempt for human beings on the basis of their gender, race

national origin, color, disability, religion, creed, age, sexual orientation, gender identity, genetic information, marital or veteran status.

For purposes of this Policy, conduct constitutes hostile environment harassment when it:

a. Is targeted against an individual (s) on the basis of his or her membership in a protected class; and
b. Is not welcomed by the individual (s); and
c. Is sufficiently severe or pervasive that it alters the conditions of education or employment and creates an environment that a reasonable person would find intimidating, hostile or offensive.

Complaints of Discriminatory Harassment

1. If any Westfield State University faculty, staff and student believe that they have been subjected to Discriminatory Harassment, you have the right to file a complaint. This may be done in writing or orally.
2. Complaints that involve students may be investigated and adjudicated/processed in concert with the student conduct office.

If you would like to file a complaint, you may do so by contacting the Assistant Vice President of Human Resources and Affirmative Action, who is also available to discuss any concerns you may have and to provide information to you about the University's policy on discriminatory harassment and the University's complaint system. The procedures for reporting discriminatory harassment can be located on the Affirmative Action website at http://www.westfield.ma.edu/offices-services/affirmative-action-equal-opportunity-office/

Anti-Bullying, Mobbing, and Harassment Policy

Purpose: To educate the University community about bullying, to promote civility, and to take immediate corrective action when appropriate.

Definition: Bullying consists of abusive conduct relative to acts, omissions, or both, that a reasonable person would find hostile, based on the severity, nature, and frequency of the conduct and without regard to the method of delivery, such as verbal, written or electronic. Abusive conduct may include, but is not limited to: repeated infliction of verbal abuse, such as the use of derogatory remarks, insults, and epithets; verbal or physical conduct of a threatening, intimidating, or humiliating nature; the sabotage or undermining of an individual's work performance; or attempts to exploit an individual's known psychological or physical vulnerability. A single act normally will not constitute abusive conduct, but an especially severe and egregious act may meet the standard.

Policy: Westfield State University accepts and endorses state Senate bill #699 "An Act Addressing Workplace Bullying, Mobbing, and Harassment, Without Regard to Protected Class Status" as proposed, and, further, accepts and endorses any and all amendments made to this bill, as well as the bill in its final form that is signed into law by the governor of the Commonwealth of Massachusetts.

In keeping with the Senate bill #699, Westfield State University prohibits conduct which may be interpreted as bullying or harassment as described in this policy. The University wishes to promote a friendly, welcoming, and healthy environment in conjunction with the University's Mission Statement. Every individual is entitled to be treated with respect and to be free from bullying and harassment. All members of the University community are expected to behave in a manner which demonstrates proper regard for the rights and welfare of others.

Staff are required and students are strongly encouraged to provide support to individuals who are bullied or harassed and to report incidents to the appropriate college official.

This anti-bullying policy applies to the entire campus community, including full time and part time administration, faculty, staff, students, contractors, consultants, and vendors. It includes conduct in the workplace and conduct in connection with work-related travel and/or at college-sponsored events. It also expands harassment beyond the protected classes to include the entire campus community.

Education/Prevention: This policy will be circulated each fall to all employees and students through the Human Resources Office along with the annual distribution of the following: Affirmative Action/Equal Opportunity/Diversity Plan, Drug Free Schools and Communities Information Policy, Rape/Sexual Assault Policy. Additionally, the Anti-Bullying Policy will be included in all electronic and paper versions of the University's Policy Manual. Staff will facilitate workshops during the academic year for students and employees to educate around the topic of bullying.

Disciplinary Action: Violations of this policy are subject to disciplinary action in accordance with college policy, collective bargaining, and the Student Handbook.

Procedures for Reporting

Normal channels of reporting alleged bullying will be used in accordance with the Student Handbook, collective bargaining agreements, and college procedures. Investigations of complaints of bullying will be done expeditiously and with the highest level of confidentiality.

Reporting Violations by Students

Complaints of bullying should be reported immediately to the Public Safety or Residential Life staff (24 hour operations). Complaints may also be reported to the Dean of Students or Student Conduct Office.

Complaints will be investigated and forwarded to the Student Conduct Office for review in a timely manner. Alleged student conduct violations stemming from complaints will be processed in accordance with the student conduct procedures outlines in the Student Handbook.

Reporting Violations by Employees, Contractors, Vendors

- Complaints of bullying should be reported to the Assistant Vice President of Human Resources and Affirmative Action.
- The Assistant Vice President of Human Resources will determine at what level the complaint will be investigated and what/if any corrective action should be administered. For example, an instance where an employee accuses a supervisor of bullying, the complaint may be referred to the area vice president.

Questions regarding reporting alleged violations of this policy may be directed to the Assistant Vice President of Human Resources/Affirmative Action.

Review: This document will be reviewed annually by the Assistant Vice President of Human Resources and Affirmative Action. Should related legislation become law, this policy will be reviewed immediately and revised in accordance with federal and state laws.

Parking Privileges

All cars parked on campus must be registered and display a valid parking decal. Commuting students are allowed to purchase one (1) decal that allows parking in the Commuter Lots. When the lots are full,

commuters are expected to park in the South Lot, located on Western Avenue, opposite the Juniper Park School.

Resident students will be allowed to purchase one (1) decal on a class membership priority basis. First-year resident students must request special permission from the Parking Clerk to be allowed a car on campus for the regular school year.

All resident students are required to park at all times in the lot designated by their parking decal. Parking elsewhere on campus is not allowed, and is subject to ticketing and/or towing at the owner's expense.

If you have any questions regarding parking, please contact the Parking Clerk at (413) 572-5400 or Public Safety staff at (413) 572-5262.

Hazing Law - Chapter 665

Students are advised to be familiar with the Massachusetts General Laws, Chapter 269, Sections 17, 18, and 19 relative to the crime of hazing. A copy of the law is printed in the Student Handbook, distributed to all full-time students once a year.

Degree Programs

Westfield State University students are awarded a Bachelor of Arts degree, a Bachelor of Science degree, a Bachelor of Science in Education degree, a Bachelor of Science in Nursing or a Bachelor of Social Work degree upon completion of the course of study required in their major field. See department course listings for specific major requirements.

Bachelor Of Arts Degree Programs

Art
Economics
English
Ethnic and Gender Studies
History
Liberal Studies
Communication
Mathematics
Music
Political Science
Psychology
Sociology
Spanish
Theatre Arts

Bachelor Of Science Degree Programs

Athletic Training
Biology
Business Management
Chemistry
Computer Science
Computer Information Systems
Criminal Justice
Environmental Science
General Science
Liberal Studies
Movement Science
Regional Planning

Bachelor Of Science In Education Degree Programs

Elementary Education
Early Childhood Education
Special Education
Vocational Technical Education (DGCE Only)

Bachelor Of Science In Nursing Degree Programs

Nursing

Bachelor Of Social Work Degree Programs

Social Work

Second Bachelor's Degree Program

If you have already earned a baccalaureate degree, you may wish to apply for a Second Bachelor's degree in a different major. Once you have been accepted into a Second Bachelors degree program, you must complete a minimum of thirty (30) credits in Continuing Education courses at Westfield beyond the awarding of the first bachelor's degree, complete all major coursework, and fulfill all degree requirements of the department and the University. Courses taken at Westfield (day or evening) prior to matriculating through Continuing Education may satisfy degree requirements, but can not be used to satisfy the 30 credit residency requirement. Second bachelor students assume a new cumulative grade point average that is subject to academic policies established by the University. This program is not available in the Day Division.

Course Pattern For A Degree

One hundred and twenty credits are required for graduation. These credits are distributed among courses required for the chosen academic major; courses that satisfy the common core; and electives, which may include courses that fulfill the requirements of an academic minor.

Common Core

All students must complete a core of studies, distributed among the different academic areas as follows:

Humanities (18 credits)	
English Composition	(6)
Literary and Philosophical Analysis	(6)
Appreciation of the Arts	(6)
Social Science (12 credits)	
United States History and Government	(3)
Social Understanding	(9)
Mathematics/Applied Analytical Reasoning (6-8 credits)	
Traditional Mathematics	(3-8)
Applied Analytical Reasoning	(0-4)
Science (7-8 credits)	
Laboratory Science	(4-8)
Allied Science	(0-4)
Diversity (6 credits)	
Global	(3)
United States	(3)
Upper-Level	(6 credits)*

*Note: Because the Curriculum Committee has not yet taken action on courses for which Upper-Level inclusion has been requested, students are not yet expected to meet the Upper-Level requirement.

Because courses may satisfy more than one distribution area, the total number of credits a student will need to satisfy the core will vary, according to the specific courses chosen. For example, a single course may satisfy both a Literary and Philosophical Analysis requirement and an Upper-Level requirement; or a course may be designed to satisfy both a Social Understanding and a Diversity requirement.

In keeping with the University's mission to assist its students to develop intellectually and to use their knowledge to improve the conditions of

their communities, the Core has been designed to introduce students to a variety of academic disciplines and social issues.

For each area in the core a set of goals has been established, offering students an opportunity to develop the critical skills needed to deal effectively with a variety of academic disciplines and concepts. The foundations of the Common Core are disciplinary forms, within which, students select specific courses. One of the goals of the Common Core is to introduce students to areas of study which are seen as necessary ingredients for a cultivated, humane life.

In meeting the requirements of the Common Core, Westfield students acquire:

1. The capacity to communicate clearly in one or more natural languages
2. The capacity to understand literary and philosophical responses to fundamental questions of the human condition
3. An appreciation for creative expression and aesthetic issues through study of the arts
4. An understanding of United States government, history and the processes of democratic citizenship
5. The capacity to understand the workings of society and its institutions
6. An ability to use mathematics to solve problems and to reason logically and analytically
7. An understanding of scientific theory and methodology as well as an appreciation of physical and natural processes
8. An understanding of the social and conceptual foundations among people, such as race, class, gender, or ethnicity
9. An opportunity to extend their understanding of a subject beyond the introductory level and to appreciate the value of multi-disciplinary approaches to areas of inquiry

The Core is a work in progress. Academic departments are still in the process of reviewing their curricula for courses that meet current core standards, and are also developing new courses for core inclusion.

Composition Component Of Core

All full-time students must complete ENGL 0101 and ENGL 0102, English Composition I and II. These two courses constitute a unit, which all students must complete within the first two semesters in which they are enrolled at Westfield State University. Any exceptions to this policy must be approved by the Chair of the English Department. Note that students are not permitted to withdraw from ENGL 0101 or ENGL 0102; both courses are pre-requisites for 0200-level core English courses.

The Academic Major

Courses in this segment are prescribed by the department wherein the major is housed and total approximately forty credit hours. For specific major program requirements, see the departmental section in this Bulletin.

Academic Minors

A student may also earn a minor in an academic area different from the major as part of his/her course of study. Details about specific minors are outlined in the departmental pages and are available in the following areas:

Electives

Students select elective courses according to their personal interests, except for the students majoring in elementary or special education, who may be required to take specific electives to satisfy certification requirements.

Graduate Degrees

Graduate program are described in the Graduate Catalog found at westfield.ma.edu/dgce.

Master of Arts in Applied Behavior Analysis
Master of Arts in English
Master of Arts in Psychology
- Mental Health Counseling
- School Guidance Counseling

Master of Education:
- *Initial Licensure Master of Education Programs*
  - Early Childhood (Pre-K-2)
  - Elementary (1-6)
  - Reading Specialist
  - Secondary (subject area special licensure)
    - Biology (8-12)
    - Chemistry (8-12)
    - General Science (5-8)
    - History (5-8, 8-12)
    - Mathematics (5-8, 8-12)
    - Teacher of Students with Moderate Disabilities (Pre-K-8)
    - Teacher of Students with Moderate Disabilities (5-12)
- *Professional Licensure Master of Education Programs*
  - Early Childhood
  - Elementary
  - Physical Education
  - Secondary (subject area special licensure)
    - Biology
    - Chemistry (not accepting new applicants)
    - General Science
    - History
    - Mathematics
    - Teacher of Students w/ Moderate Disabilities (Pre-K-8, 5-12)
    - School Principal – Elementary, Middle, and Secondary levels
- *Concentration Programs (non-licensure programs)*
  - Early Childhood, Elementary, Secondary
  - Educational Administration
  - Special Education
  - Vocational Technical Education
- *Certificate of Advanced Graduate Study*
  - School Principal
  - Concentration in Educational Administration
  - Concentration in Vocational Technical Administration

Master of Education in History
Master of Public Administration
Master of Science in Accountancy
Master of Science in Criminal Justice
Master of Social Work

Course Numbering Practices

In this Bulletin, there are separate sections for each academic department and inter-disciplinary program within the University. These are arranged alphabetically.

Numbering System

The course numbering system is as follows:
0100Lower Level Courses
0200Upper Level Courses (Undergraduate credit only)
0300Upper Level Courses (Undergraduate credit only)
0500Graduate Credit Courses
0600Graduate Credit Courses

Course Identifiers

ACCT	Accounting (formerly MGMT)
AVIA	Aviation (formerly MGMT)
ART	Art
ASTR	Astronomy (formerly PHYS)
BIOL	Biology
CAIS	Computer and Information Science
CHEM	Chemistry (formerly PHYS)
COMM	Communication (formerly MCOM)
CRJU	Criminal Justice
ECON	Economics and Management
EDUC	Education
EGST	Ethnic and Gender Studies (formerly MCES and WSTP)
ENGL	English
ENVS	Environmental Science
FINC	Finance (formerly MGMT)
GARP	Geography and Regional Planning
GEOL	Geology
GNSC	General Science (formerly PHYS)
HIST	History
LACS	Latin American and Caribbean Studies
LARA	Foreign Languages/Arabic
LANG	Foreign Languages/General
LCUL	Foreign Languages and Literatures/Culture
LFRE	Foreign Languages/French
LGER	Foreign Languages/German
LCHI	Foreign Language/Chinese
LITA	Foreign Languages/Italian
LLIT	Foreign Language Literature (Taught in English)
LSPA	Foreign Languages/Spanish
MATH	Mathematics
MRKT	Marketing (formerly MGMT)
MGMT	Economics and Management
MOVP	Movement Science/Physical Education
MUSC	Music
NURS	Nursing
PHIL	Philosophy
PHSC	Physics (formerly PHYS)
POLS	Political Science
PSYC	Psychology
PADM	Public Administration
SOCI	Sociology
SOCW	Social Work
THEA	Theatre

Frequency Of Course Offerings

Not every course listed in this Bulletin is offered annually. Definite information about course offerings and class hours is available at the time of registration through the Office of the Registrar. Insufficient enrollment or changing conditions may occasionally necessitate the withdrawal of scheduled courses. Please check with appropriate departments to determine if the courses sought are being offered and when they are scheduled.

Common Core Of Studies

The Common Core of Studies is divided into 5 sections (Humanities, Social Science, Mathematics/Applied Analytical Reasoning, Science, and Diversity) each having its own sub-categories.

HUMANITIES SECTION (18 credits, 6 from each area):

English Composition (6 credits) [CMP]

ENGL 0101 & 0102	English Composition I and II
ENGL 0105 & 0110	English Composition I and II (HNRS)

Literary & Philosophical Analysis (6 credits) [LPA]

EDUC 0207	Philosophy of Education
EGST 0210	US Latino/a Literatures
ENGL 0210	British Literature to 1603
ENGL 0211	British Literature 1603-1780
ENGL 0212	British Lit from 1780 to the Present
ENGL 0213	Introduction to British Literature
ENGL 0215	Introduction to American Literature
ENGL 0216	American Literature to 1865
ENGL 0217	American Literature since 1865
ENGL 0221	World Literature I
ENGL 0222	World Literature II
ENGL 0228	Introduction to Shakespeare
LFRE 0201	Reading French Texts
LLIT 0201	Women Writers of Americas: Global
LLIT 0202	Women Writers of Americas: US
LLIT 0210	Studies in Literature of Africa
LLIT 0220	Studies in European Cultures
LLIT 0310	Studies in Hispanic Civilization
LSPA 0201	Reading Spanish Texts
MATH 0216	Studies in Literature of Mathematics
PHIL 0101	Intro to Social & Political Philosophy
PHIL 0102	Introduction to Ethics
PHIL 0104	Great Philosophical Issues
PHIL 0109	Intro to Philosophy of Religion
PHIL 0110	Intro to Philosophy of Science
PHIL 0211	Asian Philosophy
THEA 0260	Script Analysis & Interpretation

Appreciation of the Arts (6 credits) [AAPP]

ART 0104	Design Fundamentals
ART 0106	Art Survey: Prehistoric to Middle Ages
ART 0107	Art Survey: Renaissance to Present
ART 0108	Intro to Computer Graphics
ART 0206	Intro. To Elec. Publication Design
ART 0354	Women Artists of Western World
COMM 0245	The Silent Film
ENGL 0240	Cultural Studies
ENGL/COMM 0108	Introduction to Film
MUSC 0101	Music Appreciation
MUSC 0104	World Music
MUSC 0110	Basic Music Theory
MUSC 0160	History of Jazz
THEA 0104	Introduction to Theatre
THEA 0121	Acting Styles and Periods
THEA 0151	Introduction to Performance
THEA 0261	Theatre History: Early Stages
THEA 0262	Theatre History: Ren. to Romant.
THEA 0263	Theatre History: The Mod. Stage

SOCIAL SCIENCE SECTION (12 credits required; at least 3 credits must be from the U. S. History & Government area):

U. S. History and Government (at least 3 credits) [HSGV]

HIST 0131	U.S. History and Gov't to 1865
HIST 0132	U.S. History & Gov't, 1865-Present
POLS 0101	American National Government
POLS 0103	State and Local Government

Social Understanding (maximum 9 credits) [SOCU]

CAIS 0101	Computers and Society
COMM 0101	Introduction to Mass Communication
CRJU 0101	Introduction to Criminal Justice
ECON 0101	Principles of Macroeconomics
ECON 0102	Principles of Microeconomics
EDUC 0220	Schools in American Culture
EGST 0208	Hip Hop Cultures
EGST 0209	Images of Black and Brown
GARP 0101	World Regional Geography
GARP 0105	Introduction to Community Planning
HIST 0101	Western Experience I
HIST 0102	Western Experience II
LANG 0210	Language, Culture & Society
LCUL 0220	Envisioning the Americas
POLS 0105	Law, Courts, and Politics
POLS 0209	International Relations
PSYC 0101	Introduction to Psychology
SOCI 0101	Principles of Sociology

MATHEMATICS/APPLIED ANALYTICAL REASONING SECTION (6 credits required; 3 credits must be from the Traditional Mathematics area):

Traditional Mathematics (at least 3 credits) [TMTH]

MATH 0104	Pre-calculus
MATH 0105	Calculus I
MATH 0106	Calculus II
MATH 0108	Elementary Statistics
MATH 0110	Mathematical Explorations
MATH 0111	Mathematical Applications
MATH 0115	Math for Business & Social Sciences
MATH 0153	Foundations: Number Systems
MATH 0250	Foundations: Patterns, Reasoning and Algebra
MATH 0251	Foundations: Geometry
MATH 0252	Foundations: Data Analysis and Probability

Applied Analytical Reasoning [ARSN]

BIOL 0123	Math Methods in Natural Sciences
CAIS 0117	Intro Computer Programming: BASIC
CAIS 0120	Computer Science Program Design
CRJU 0313	Quantitative Methods in Criminal Justice
ECON 0204	Intro to Mathematical Economics
ECON 0305	Introduction to Econometric Methods
GARP 0246	Quantitative Methods for Social and Physical Science
PHIL 0103	Symbolic Logic I
PHIL 0206	Symbolic Logic II

SCIENCE SECTION (7 credits; 4 must be a Lab. Science):
Laboratory Science (at least 4 credits) [LSCI]

BIOL 0102	Environmental Biology
BIOL 0104	Human Biology
BIOL 0106	Biology Today
BIOL 0237	Human Anatomy and Physiology I
CHEM 0101	Introduction to Chemistry
CHEM 0103	Chemistry of the Life Sciences
CHEM 0109	General Chemistry I
CHEM 0111	General Chemistry II
GARP 0102	Physical Geography
GEOL 0101	Physical Geology
GNSC 0101	Physical Science
PHSC 0101	Introduction to Physics
PHSC 0115	General Physics I
PHSC 0117	General Physics II
PHSC 0125	Physics I
PHSC 0127	Physics II

Allied Science [ASCI]

ASTR 0101	Astronomy
ASTR 0105	The Solar System
ASTR 0121	Life in the Universe
GARP 0206	Climate Change
GEOL 0102	Physical Geology (no laboratory)
GEOL 0106	Historical Geology
GEOL 0108	General Oceanography
GEOL 0124	Geological Hazards
GEOL 0211	Geology in the Field: Selected Locations
MOVP 0100	Introduction to Exercise Science
PHSC 0103	Energy, Environment and Society

DIVERSITY SECTION (6 credits, 3 credits from each area)

Global Diversity [GDIV]

ART 0333	Early 20th Century Art
ART 0357	Islamic Art
COMM 0213	Global Film Studies
COMM 0222	Intercultural Communication
COMM 0306	International Communication
EGST 0102	Introduction to Women's and Gender Studies
EGST 0206	Intro to Islamic Studies
EGST 0211	Indian Cinema: Gender and Identity
EGST 0213	Contemporary Issues in Islamic Studies
EGST 0217	Culture and Personality
ENGL 0221	World Literature I
ENGL 0222	World Literature II
ENGL 0224	World Ethnic Literature
ENGL 0287	World Drama
ENGL 0326	Women Writers
ENGL 0327	Contemporary Cross-Cultural Lit
GARP 0210	Cultural Geography
HIST 0215	Intro to Middle East, Africa & Asia
LARA 0102	Arabic II
LARA 0103	Arabic III
LARA 0104	Arabic IV
LCHI 0102	Chinese II
LCHI 0103	Chinese III
LCHI 0104	Chinese IV
LCUL 0201	Women in the Hispanic World
LCUL 0220	Envisioning the Americas
LFRE 0102	French II
LFRE 0103	French III
LFRE 0104	French IV
LFRE 0201	Reading French Texts
LFRE 0205	Speaking& Writing French: Intermediate
LFRE 0305	Speaking & Writing French: Advanced
LLIT 0201	Women Writers of Americas: Global
LLIT 0210	Studies in Literature of Africa
LLIT 0220	Studies in European Cultures
LLIT 0310	Seminar in Hispanic Civilization
LSPA 0102	Spanish II
LSPA 0103	Spanish III
LSPA 0104	Spanish IV
LSPA 0201	Reading Spanish Texts
LSPA 0215	Speaking &Writing Spanish: Intermediate
LSPA 0315	Speaking &Writing Spanish: Advanced
MGMT 0338	International Business
MUSC 0104	World Music
PHIL 0217	Political Philosophy and Film
POLS 0209	International Relations
SOCI 0326	The Global Experience

United States Diversity [UDIV]

ART 0358	African American Art
COMM 0212	Film and Gender
CRJU 0312	Women in the Criminal Justice System
ECON 0304	Urban Economics
EDUC 0380	Multicultural Education
EGST 0101	Intro to Comparative Ethnic Studies
EGST 0203	Intro to African American Exp.
EGST 0204	Intro to Latino/a Studies
EGST 0205	Intro to GLBT Studies
EGST 0208	Hip Hop Cultures
EGST 0209	Images of Black and Brown
EGST 0212	Introduction to Asian American Studies
EGST 0216	Deviance and Culture
EGST 0220	Religion, Gender and Society
EGST 0221	Women in Modern Organizations
ENGL 0240	Cultural Studies
ENGL 0324	Black American Literature
ENGL 0328	Ethnic Literature of the U.S.
GARP 0204	Housing in America
HIST 0263	U.S. Women's History
HIST 0264	African American History
HIST 0265	The Minority Experience
HIST 0275	African-Amer Hist/Civil Rights since 1865
LANG 0210	Language, Culture & Society
LCUL 0210	Hispanic/Latino Cultures in the U. S.
LLIT 0202	Women Writers of the Americas: U.S.
MOVP 0325	Women and Sport
MUSC 0160	History of Jazz
SOCI 0202	Race and Ethnic Relations
SOCI 0319	Sociology of Sexualities

Art

The Art Department offers various minors and concentrations. Internships are available in the Graphic Design concentration as well as the Teaching Licensure concentration. All courses are open to students who meet the proper prerequisites.

The Arno Maris Art Gallery, located in the University library, is staffed by the Art Department and presents national and international exhibitions, as well as an annual student exhibition. The department also maintains a College Collection containing many fine works of art which are exhibited periodically.

The art studios are open to all art majors for all of their studio-related projects. Students may participate in various fine arts clubs which, along with the department, sponsor field trips to galleries throughout the year. Field trips to galleries in New York City and Boston are a regular part of student activities.

REQUIREMENTS FOR ART MAJORS

ART 0100 Materials and Safeguards	(1)
ART 0102 Painting I	(3)
ART 0103 Drawing I	(3)
ART 0104 Design Fundamentals	(3)
ART 0106 Art Survey: Prehistoric to Middle Ages	(3)
ART 0107 Art Survey: Renaissance to Present	(3)
ART 0201 Printmaking I	(3)
ART 0202 Painting II	(3)
ART 0204 Pottery I	(3)
ART 0205 Sculpture I	(3)
ART 0209 Color Theory and Practice	(3)
ART 0301 Drawing II	(3)
ART 0330 Anatomy for the Artist	(3)
One art elective *	(6)
Two advanced level art history courses	(6)

One of the following:

ART 0303 Printmaking II	(3)
ART 0304 Pottery II	(3)
ART 0305 Sculpture II	(3)

* Note: Students completing Art Teacher Licensure Programs must take ART 0108 Introduction to Computer Graphics as their art elective.

Art majors are required to take ART 0106 and ART 0107, to satisfy the Appreciation of the Arts requirement of the common core.

Art majors must complete a minimum of 27 credits of course work within the Art Department at Westfield State. Students are advised to consult their advisors for information on course sequencing and general core requirements.

Art majors intending to pursue graduate work beyond their major are advised to take additionally recommended studio courses of their choice. It is also advisable to include more than the minimum requirements in Art History.

ART HISTORY CONCENTRATION FOR ART MAJORS

For Art majors interested in a career in Art Criticism, Museum work or preparation for graduate study in Art History, the Art History concentration (18 additional credits) offers broad-based training in Western and Non-Western Art.

Art Studio Elective	(3)
ART 0345 Criticism	(3)
ART 0399 Independent Study	(3)
300-Level Art History Coursework	(9)

GRAPHIC DESIGN CONCENTRATION FOR ART MAJORS

For Art Majors interested in a career in Graphic Design or Commercial Art, the following courses are recommended as a BASIC program:

Graphic Design Courses - 18 credits:

ART 0108 Computer Graphics for Art Applications I	(3)
ART 0206 Intro to Electronic Publication Design	(3)
ART 0328 Graphic Design I	(3)
ART 0210 Typography	(3)
ART 0212 Computer Graphics for Art Applications II*	(3)
ART 0344 Graphic Design II	(3)

*Three one-credit courses in the computer graphics area, such as Photoshop, Quark Express, or Illustrator, may be substituted for ART 0212.

The Advanced Graphic Design Program includes all the BASIC courses plus the following:

ART 0329 Illustration I	(3)
ART 0348 Portfolio Preparation	(3)
ART 0340 Graphic Design Internship	(3-12)
ART 0343 Illustration II	(3)

GRAPHIC DESIGN INTERNSHIP

The Graphic Design Internship prepares the student for work in the Graphic Design field. The Internship is usually a full-time on-the-job placement in an advertising agency or company art department. Alternative scheduling can be arranged, if necessary.

All Art Major requirements, the Basic Graphic Design Program, and the Portfolio Preparation class should be completed prior to internship placement. A cumulative grade point average in the Graphic Design Program courses is required for internship placement. Acceptance is by application and approval of the Graphic Design Coordinator and the Department Chairperson.

ART MAJOR/FINE ARTS CONCENTRATION

For the art major who is interested in a career in fine arts or preparation for graduate school in studio art (MFA), an additional 18 credits of 200- and 300-level courses are recommended beyond the art major requirements, to be selected from the following:

Advanced Studio Courses	(3-6)
Advanced Drawing	(3)
Advanced Elective	(3)
ART 0348 Portfolio Preparation	(3)
ART 0399 Thesis	(3-6)

ART TEACHER LICENSURE PROGRAM

Students wishing to be licensed to teach art, must complete all the requirements of the Art major. They must also complete an additional 26 credit teacher preparation sequence for either Elementary (Pre-K to 8) or Secondary (5-12) licensure, as follows:

ELEMENTARY

EDUC 0221 Students with Special Needs	(3)
EDUC 0380 Multicultural Education	(3)
ART 0323 Introduction to Art Education	(3)
ART 0324 Art Methods/Materials	(3)
ART 0322 Art Education Curriculum (Elementary)	(3)
PSYC 0202 Child Development	(3)
ART 0331 Practicum (Pre-K - 8)	(12)

SECONDARY

EDUC 0221 Students with Special Needs	(3)
EDUC 0380 Multicultural Education	(3)
ART 0323 Introduction to Art Education	(3)
ART 0324 Art Methods/Materials	(3)
ART 0322 Art Education Curriculum (Secondary)	(3)
PSYC 0203 Adolescent Development	(3)
ART 0351 Practicum (5-12)	(12)

In addition, during the last semester of their senior year, students must take a 3 credit practicum seminar.

Student progress toward meeting Advanced Standing in Teacher Education is monitored at the end of the sophomore year (57 credits). Please see section on Licensure for Teacher Education.

In order to be eligible for student teaching, a student must have completed all required course and field work, have an overall GPA of 2.8 (including transfer work), and have a passing grade in the appropriate Massachusetts Tests for Educator Licensure (i.e., Communication and Literacy and subject matter tests). Student teacher placements are limited to within a 30-mile radius of the campus.

Every effort will be made to provide a timely sequence of courses in order to fulfill graduation and teaching licensure courses, but there may be instances where this is impossible.

If any questions arise concerning sequence, time of student teaching, etc., please contact the Program Coordinator, Art Education Licensure.

ART MINOR

The Art Minor Program is intended for non-art majors who choose to develop skills or an appreciation of art. Students who wish to minor in art are required to take 18 credit hours within the Art Department. Advisement for the courses to be taken in the minor should be by the Art Department Chair or other designated faculty member.

Student interested in graphic design could complete an Art minor with the following courses:

ART 0104 Design Fundamentals	(3)
ART 0108 Computer Graphics for Art Applications I	(3)
ART 0206 Intro to Electronic Publication Design	(3)
ART 0210 Typography	(3)
ART 0212 Computer Graphics for Art Applications II or	
Three 1-credit workshops or other Art elective	(3)
ART 0328 Graphic Design I	(3)

For students interested in a more generic minor in Fine Art, the required 18 credits may be distributed as follows:

ART 0104 Design Fundamentals	(3)
ART 0103 Drawing I	(3)
ART 0102 Painting I	(3)
One or two studio electives	(3 6)
One or two art history courses	(3 6)

ART HISTORY MINOR

For non-Art majors interested in a career in Art Criticism, Museum work or preparation for graduate study in Art History, the Art History minor (18 credits) offers broad-based training in Western and Non-Western Art.

Art Studio Elective	(3)
ART 0345 Criticism	(3)
ART 0399 Independent Study	(3)
300-Level Art History Coursework	(9)

Other minor programs can be developed, with advisement by the Art department, in art history or the fine arts to suit the needs of the student.

Art History Courses

ART 0106 ART SURVEY: PREHISTORIC TO MIDDLE AGES (3) Major representative works of western art and architecture from prehistoric times through the middle ages will be presented from a critical and historical viewpoint. The student will be introduced to the aesthetic and philosophical principles that underlie all art as well as to the relationship between the visual arts and the culture and society which produced them.

ART 0107 ART SURVEY: RENAISSANCE TO PRESENT (3) The study of western art and architecture from the Renaissance to the present will be presented under the same format as ART 0106.

ART 0316 HISTORY OF AMERICAN ART (3) A study of the painting, architecture and practical arts in the United States from the period after colonial times to the present.

ART 0318 FLEMISH ART (3) Study of Netherlandish painting of the 14th through 16th century works of art, from jean Puccle to Brueghel.

ART 0317 CLASSICAL ART (3) The chief artistic accomplishments of ancient Greece and Rome. Extensive study into the realm of Greek and roman architecture, classical sculpture, building and portraiture, as well as the minor arts.

ART 0319 RENAISSANCE ART (3) A study of the major artistic achievements of the Italian Renaissance from Giotto to Michaelangelo with special emphasis on painting and sculpture.

ART 0321 CONTEMPORARY ARTISTS AND CONTEMPORARY ART (3) Students will be introduced to the works and ideas of modern contemporary American artists since 1950 with reference to the influence of selected European modern artists. Museum trips are included.

ART 0327 HISTORY OF GRAPHIC DESIGN (3) This course will trace the history of graphic design from the invention of writing and alphabets through the origins of printing and typography and the various movements such as Victorian Art Nouveau, Post Modern and the Computer Graphic revolution.

ART 0333 EARLY TWENTIETH CENTURY ART (3) A study of major movements in the art of the first half of the 20th century. The course will examine Fauvism, Expressionism, Cubism, Dada, Surrealism and abstract art.

ART 0334 NINETEENTH CENTURY ART IN EUROPE (3)A study of European painting and sculpture from the Romantic-Classical styles of David and Delacroix through the Post-Impressionism of Paul Gauguin.

ART 0341 17th CENTURY ART (3) A study of formation and evolution of the Baroque movement in European architecture, sculpture and painting. Emphasis will be given to the individual styles and artistic ideas, as shown in works and writings of selected major artists of the 17th century.

ART 0345 CRITICISM (3) Classical and contemporary theories of art with emphasis on concepts involved in the interpretation, evaluation and criticism of works of art. Prerequisite: ART 0106 and ART 0107 or equivalent.

ART 0347 NON-WESTERN TRADITION IN MODERN EUROPEAN AND AMERICAN ART (3) A study of selected problems including: the meaning of Japanese color prints in development of Impressionism and Post-impressionism; Modern Primitivism and its relation to the African sculpture and the art of primitive peoples; and the significance of Japanese traditional architectural concept for Modern Japanese, European and American architecture. The emphasis will be placed on the new relation between form and space developed under the condition of the crisis of the traditional western three-dimensional system of representation.

ART 0350 CONTEMPORARY ART AND CONTEM-PORARY BEHOLDER (3) This seminar will examine the fundamental characteristic of Modern Art, i.e., its non-realistic nature. Students will study why it has proved difficult for viewers to accept and critics to explain that works of Modern Art are not descriptions or illusions of actuality. Main trends of Modern Art, such as Cubism, Abstractionism, and Abstract Expressionism will be investigated. The works of Picasso, Kandinsky, Malevich, Mondrian and others will be analyzed in relation to traditional Western European Art and the validity of its traditional criteria.

ART 0354 WOMEN ARTISTS IN THE WESTERN WORLD (3) This course will focus on the significant achievement of women in the arts, presented within a historical and cultural background. It is designed to integrate and redefine women's role in Western Art History, paying particular attention to specific examples from the 17th century to the modern era. Prerequisites: ART 0107. (Formerly ART 0260)

ART 0357 ISLAMIC ART (3) A course with focus on art created by or for Islamic people, and/or produced in historically Muslim regions. An emphasis will be placed on understanding the cultural, political, and religious significance of the works. Topics may include architecture, painting, calligraphy, decorative arts, and film.

ART 0358 AFRICAN AMERICAN ART (3) This course serves as an introduction to the historical and social forces that shaped the works of artists of African ancestry. The course will examine the roots, themes, styles, content, aesthetics, and ideological dimensions of African American art, as well as the extent to which the art has embodied the spirit of the black experience. Topics may include folk art and slavery, art after emancipation, the Harlem Renaissance, and art and the Civil Rights Movement.

ART 0359 WORLD OF PRINTS AND PRINTMAKING (3) This course will explore the unique fine art of prints and printmaking from the 1400's to contemporary prints of today. Students will see how prints are made by videos and diagrams, view prints electronically or in local museums collections to understand the extensive history of printmaking.

Studio Courses

ART 0100 MATERIALS AND SAFEGUARDS IN ART (1) Is designed to outline the basic art media and materials used in studio art. Emphasis is placed on safeguards in utilizing art materials.

ART 0102 PAINTING I (3) Painting I is an introduction to the craft of painting for those with little or no experience. This course acquaints the student with the fundamental aspects of painting such as canvas preparation, preliminary drawing and basic painting techniques. Emphasis is placed on "how to get started".

ART 0103 DRAWING I (3) Drawing I presents the study of structure in form and space through the creation of three-dimensional illusions on two-dimensional surfaces. Line, texture, value and shape are introduced in addition to linear and atmospheric perspective, life drawing, and various media.

ART 0104 DESIGN FUNDAMENTALS (3) This course explores the interaction of universal visual design elements, concepts, and media. Visual thinking through problem-solving exercises utilizing line, shape, form, texture, tone, color and space as well as the concepts of focal point, unity, variety, direction/movement, motif/pattern, and balance in a progressively complex format insures the understanding of compositional structures. The expressive possibilities of a variety of materials are also explored.

ART 0201 PRINTMAKING I (3) The basic techniques in intaglio and relief printmaking will be explored. The intaglio procedures of line etching, aquatint, sugarlift, and soft ground will be introduced. Collographs (a multimedia technique) and woodcuts (a relief printing process) will also be utilized. Students will create a series of prints in the various techniques and will develop an awareness of the visual and technical aspects of an original print. Prerequisites: ART 0103 or permission of instructor.

ART 0202 PAINTING II (3) Painting II is a continuation of the fundamental aspects of painting using oil and/or acrylic. Students have the opportunity to paint from the still-life and model in both a representational and non-representational manner. Technical aspects of painting are explored, including the techniques of under-painting and glazing. Prerequisite: ART 0102.

ART 0203 WORKS ON/OF PAPER (3) The intent of this course is to encourage students to develop skill in various techniques and materials applicable to a paper support or ground. This course is for both the Fine Art major and those interested in furthering their illustration techniques. Working in and with paper will be examined through various aqueous media, collage, pastel and mixed media. Prerequisite: ART 0102 or permission of instructor.

ART 0204 POTTERY I (3) Provides a workshop exploration of all clay-building techniques including pinch, slab, coil and the wheel. Emphasis is placed on elements of design as they apply to three-dimensional work.

ART 0205 SCULPTURE I (3) Provides an elementary consideration of sculpture through form and composition and includes studies in clay and plaster. There is some work from the human figure. Techniques include mature constructions, direct building in plaster, and casting into plaster and other materials.

ART 0207 WATERCOLOR (3) This course will emphasize the visual dynamics of the watercolor medium: its transparency and ability to interact directly with the paper (ground) to produce colors, textures, and forms. Through a series of exercises, the student will have an opportunity to develop skills and master the techniques of the medium. Prerequisite: ART 0202.

ART 0209 COLOR THEORY AND PRACTICE (3) The study of interaction of color in theory and practice through experimentation with various color media.

ART 0215/COMM 0202 INTRODUCTION TO PHOTOGRAPHY (3) Examines techniques and applications of photography. Areas of study include camera operation, film selection, lenses, filters, lighting, composition, and digital monochrome and color image processing and manipulation. The history of the medium and its communicative properties also are discussed.

ART 0270 GALLERY MANAGEMENT (3) Introduces all aspects of the workings of an art gallery. Students will be involved in curating and marketing art shows and auctions through a community and on-campus promotion.

ART 0275 MARKETING YOUR ART WORK (3) Focuses on how artist market their work and reach audiences through different methods of exposure. Students will visit the Westfield State Art Gallery and meet with exhibiting artists. The course will culminate with a show created and promoted by students.

ART 0301 DRAWING II (3) Drawing II is a continuation of Drawing I. The focus is on the individual's needs as they develop a basic understanding of drawing. Emphasis is placed on life drawing in various media. Prerequisite: ART 0103.

ART 0302 WATERCOLOR II (3) A continuance of Watercolor Painting I, with mixed media, including gouache. Prerequisite: ART 0207.

ART 0303 PRINTMAKING II (3) A studio course which will further explore and develop the techniques of intaglio, relief, stencil and/or planographic printmaking. The emphasis will be on utilizing the various techniques introduced in Printmaking I and developing a deeper understanding of the visual and technical aspects of an original print. The use of color in the media of concentration will be explored. Prerequisite: ART 0201.

ART 0304 POTTERY II (3) Provides an opportunity to explore in-depth any area of clay, including glaze mixing and kiln loading. Prerequisite: ART 0204.

ART 0305 SCULPTURE II (3) Continuance of Sculpture I. Provides an opportunity to explore in-depth any area of clay building, including glaze mixing and kiln loading. Prerequisite: ART 0204.

ART 0306 TECHNICAL PAINTING (3) An introduction to the craft of painting. This course will explore traditional methods and their application to contemporary problems. The development of technique will be examined through a study of egg tempera, old master oil techniques, Impressionist style painting and modern masters. There will be frequent demonstrations and direct assistance to students. Prerequisite: ART 0102 or permission of instructor.

ART 0307 ADVANCED PAINTING (3) This course is designed to allow the painting major who has completed the required painting courses to continue to explore painting in an advanced and individual manner. Technical and formal investigation will be coupled with individual vision. Prerequisite: Permission of instructor.

ART 0308 FIGURE AND/OR LANDSCAPE PAINTING (3) This course may be divided into two segments: painting from the human figure and/or from the landscape. Life painting assignments will involve various painting approaches from the traditional rendering to the use of the figure as the starting point for a more abstract color-space problem. Painting the landscape will involve on-site painting and working from drawings, photographs and the imagination. Media: oil, acrylic and/or watercolor. Prerequisite: ART 0102 or permission of instructor.

ART 0309 ADVANCED DRAWING (3) A course in Advanced Drawing will develop the student's own direction and personal expression. Prerequisite: ART 0301.

ART 0310 WORKSHOP IN CRAFTS (3) An introduction to a number of crafts and an opportunity to pursue several crafts as chosen. Woodwork, weaving, ceramics, enameling, puppetry, casting, rug designing, fibers and fabrics, basic printing techniques and leatherwork are offered.

ART 0330 ANATOMY FOR THE ARTIST (3) A study of human anatomy including the bone structure, muscles, and proportions. The course will utilize anatomy charts, the skeleton,, and live models. Students of dance and drama, as well as students of the visual arts, will benefit from an in-depth study of human anatomy and from an understanding of the human body in movement.

ART 0339 MIXED MEDIA: COLLAGE/ASSEMBLAGE (3) This course integrates painting processes with materials such as wood, metals, fibers, clay and other tactile two and three dimensional media. Prerequisite: ART 0102 or permission of instructor.

ART 0348 PORTFOLIO PREPARATION (3) A culmination of the Graphic Design Concentration or the Fine Art Studio sequence. Emphasis is on portfolio content and arrangement for job placement interviews or graduate school application. Assignment of supplementary art projects to augment portfolio presentation and/or slide reproduction of work. Resume design, preparation, and content also included. Prerequisites: permission of instructor; for senior art majors only.

ART 0349 ABSTRACT PAINTING (3) This course will allow the student to develop compositions and ideas in painting which digress from realistic depiction of subject matter. Analytical abstraction and non-objective content will allow for degrees of abstraction in order to develop, emphasize and reveal qualities of personal points of view as well as personal painting styles. Prerequisite: ART 0102 or permission of instructor.

Graphic Design Courses

ART 0108 COMPUTER GRAPHICS FOR ART APPLICATIONS I (3) This introductory computer graphics course allows the student to explore the creative, visual and artistic possibilities which the microcomputer offers. Class work and lab time on the computer are supplemented with lectures on computer generated art and its potential. Lectures assume no previous knowledge of computers or programming. Students create a variety of projects in the form of slides, animations, and printouts.

ART 0121 ELECTRONIC DESIGN WORKSHOP: ADOBE ILLUSTRATOR (1) This specialized workshop is designed to provide greater student fluency in advanced graphic design software utilizing Adobe Illustrator, a computer-assisted illustration program. Prerequisite: ART 0108 or permission of instructor.

ART 0122 ELECTRONIC DESIGN WORKSHOP: ADOBE PHOTOSHOP (1) This is a specialized workshop on learning digital processing, retouching and image manipulation techniques, through hands on experience. Adobe Photoshop software will be utilized in depth for this experience. Prerequisite: ART 0108 or permission of instructor.

ART 0123 ELECTRONIC DESIGN WORKSHOP: QUARK EXPRESS (1) This specialized workshop is designed to provide greater student fluency in advanced graphic design software utilizing Quark Express page composition and layout software. Prerequisite: ART 0108 or permission of instructor.

ART 0124 ELECTRONIC DESIGN WORKSHOP: WEB PAGE DESIGN ON THE MACINTOSH (1) This specialized workshop is designed to provide greater student fluency in advanced graphic design software for Web Page Design on the Macintosh. Prerequisite: ART 0108 or permission of instructor.

ART 0125 ELECTRONIC DESIGN WORKSHOP: SPECIALITY SOFTWARE (1) This course integrates specialty programs such as Bryce, Kai's Power Tools, Kai's Power Goo, Morph, Fractal Poser and more to round out a computer artist's tools and electronic portfolio. Prerequisite: ART 0108 or permission of instructor.

ART 0126 ELECTRONIC DESIGN WORKSHOP: COMPUTER 3-D DESIGN (1) This course provides an introduction to 3-D software programs and their application to such areas as computer animation. Prerequisite: ART 0108 or permission of instructor.

ART 0127 ELECTRONIC DESIGN WORKSHOP: FRACTAL PAINTER (1) This specialized workshop is designed to provide student fluency in advanced graphic design software utilizing Fractal Painter – an advanced, versatile painting program. Prerequisite: ART 0108 or permission of instructor.

ART 0128 ELECTRONIC DESIGN WORKSHOP: PRE-PRESS AND PRINTING (1) This specialized workshop is designed to provide greater student fluency in advanced graphic design software for Pre-Press and Printing. Prerequisite: ART 0108 or permission of instructor.

ART 0129 ELECTRONIC DESIGN WORKSHOP: LEARNING TO USE YOUR MACINTOSH (1) This specialized workshop on learning to use the Macintosh computer more effectively provides students the opportunity to learn, through hands-on experience, the essentials and fundamental procedures used in electronic design applications on a Macintosh platform. Systems management and utility software principles will be presented.

ART 0131 ELECTRONIC DESIGN WORKSHOP: MULTIMEDIA (1)This course introduces multimedia concepts available on a Macintosh platform. Special emphasis is placed on design aesthetics in multi media production. Prerequisites: ART 0108 Computer Graphics I or ART 0129.

ART 0206 INTRODUCTION TO ELECTRONIC PUBLICATION DESIGN (3) Introduces basic publication design utilizing industry standard software. Basic design skills for small ads and brochures as well as newsletter grid design in a digitial environment, output and offset printing will be emphasized. Students will learn the history of graphic design, study typography, and the basics of design in different cultures to help them understand the creative process. Students evaluate works of art and leave with a wide range of art projects in order to understand the medium of electronic publication. No prior computer experience necessary.

ART 0210 TYPOGRAPHY (3) The communicative and aesthetic aspects of type faces are the focus for this course. Procedures in type specifications for catalogs, books and commercial advertisements are introduced. Assignments will involve using type as the primary element of design. The utilization of electronic publication equipment and software will be stressed. Prerequisites: ART 0108 and ART 0206.

ART 0212 COMPUTER GRAPHICS FOR ART APPLICATIONS II (3) Computer Graphics for Art Applications II is designed to be a sequel to the first semester for computer graphics. The format is slide lectures, classroom and studio lab time. As in the first semester of computer graphics, students have a hands-on experience with various microcomputers. Students also create images via the computer with programming and graphics software utilization in 2-D and 3-D designing.

ART 0328 GRAPHIC DESIGN I (3) A studio course with emphasis on the integration of design fundamentals into graphic communicative forms. Students will be involved in problem-solving experiences in various advertising media. Specific concentration will be on newspaper and magazine advertisements, brochures, television art forms and package designs. Prerequisites: ART 0104 and ART 0206.

ART 0329 ILLUSTRATION I (3) A studio course to introduce the many facets of the illustration field. Students will be involved in various problem solving experiences with concentration on the materials, techniques, and reproduction processes used in magazine, book, technical, and film illustration. Techniques may include air brush and computer illustration. Prerequisites: ART 0103, ART 0104, and ART 0301.

ART 0340 GRAPHIC DESIGN INTERNSHIP (3-12) An opportunity for students who have completed the courses required for the Graphic Design concentration and the portfolio-preparation class. The internship is usually an 8-16 week, full time, on-the-job work experience program in which the student is placed in an advertising agency or graphic design work setting. The student is supervised by the agency director and the internship advisor. The internship experience prepares the student for work procedures in the graphic design field and assists in later job placements. Applications should be made to the Graphic Design Coordinator. Prerequisites: ART 0108, ART 0206, ART 0210, ART 0212, ART 0328, ART 0344 and ART 0348.

ART 0343 ILLUSTRATION II (3) A continuation of the study of techniques and application of illustration in the fields of advertising, book publication and technical journals. Portfolio quality work will be stressed. Prerequisite: ART 0329.

ART 0344 GRAPHIC DESIGN II (3) Graphic Design II continues the study of the graphic communicative forms used in the advertising media. Emphasis is on analyzing assigned problems and choosing appropriate media for final visual presentation. Prerequisites: ART 0108, ART 0206, ART 0210, and ART 0328.

ART 0356MULTIMEDIA FOR ARTIST AND DESIGNERS (3) Students will apply traditional graphic design techniques and media (i.e. text, graphics, photography) as well as additional considerations for video, animation, interactivity, sound and music to produce interactive multimedia environments. Prerequisites: ART 0108 and ART 0212, or 3 1-Credit workshops in Graphic Design.

Art Education Courses

ART 0322 ART EDUCATION CURRICULUM (3) Curriculum development at either the elementary or secondary level. It includes visits to area schools for the purpose of observations and art curriculum study.

ART 0323 INTRODUCTION TO ART EDUCATION (3) A pre-practicum experience providing students with a working knowledge of the various levels within the public school structure. This experience will be translated into a choice of licensure level.

ART 0324 ART METHODS AND MATERIALS (3) The methods, principles and materials for Art Education. Areas included are stages of development, goals of Art Education, personal goals for teaching art, lesson planning and organization, and newer media in Art Education. It includes a related pre-practicum experience.

ART 0325 ART IN THE ELEMENTARY SCHOOL K-6 (3) Studio experience with materials related to the art experiences of children. The emphasis will be on giving the prospective teacher a better foundation in understanding and working with art materials and concepts.

ART 0326 PRACTICUM: SEMINAR (ART EDUCATION) (3) The purpose of this course is to have students participating in the practicum (art teaching) share related student teaching problems and successes. Inter-relations between student teachers and pupils will be a prime focus.

ART 0331 PRACTICUM (ART TEACHING Pre-K-8) (12) Teaching experience within a setting appropriate for the art licensure level chosen by the student.

ART 0351 PRACTICUM (ART TEACHING 5-12) (12) Teaching experience within a setting appropriate for the art licensure level chosen by the student.

ART 0399 INDEPENDENT STUDY (1-12) Course work in History, Studio, and Education. (By arrangement only.)

General

ART 0299 SELECTED TOPICS IN ART (3) An advanced course that explores a specialized topic in the discipline. Selected Topics courses may count toward one or more of the fields of concentrations depending upon the particular course content. Student may take ART 0299 more than once.

Biology

The mission of the Biology Department of Westfield State University is to foster in all students an understanding of and curiosity about the living world and biological processes, an appreciation of how scientific knowledge is acquired, and the ability to apply their knowledge and skills to generate and address new questions. As Biology Majors, students will develop an understanding of the diversity, classification, form, function, and behavior of living organisms. Students will also learn to design experiments and collect and analyze data while working closely with dedicated faculty in coursework and optional independent research projects. The Biology Major prepares students for careers or advanced study in a variety of biological and environmental fields, teaching, and professional fields such as medicine.

We provide our majors with a broad education in all of the fundamental areas of modern biology, while also assisting them in their pursuit of advanced knowledge and skills in various sub-disciplines. The Department also offers a program to prepare students for Massachusetts Secondary Education Licensure for Teacher of Biology. Included in all of these options are opportunities for study in the areas of cellular, ecological, environmental, molecular, organismal, and physiological biology. Westfield State University's international programs provide opportunities for Biology Students to study biology abroad during J-term courses. Independent studies and internship programs, both on and off campus, are available for Biology Majors wishing to pursue areas of special interest.

Facilities available to students include eleven well-equipped laboratories, greenhouses, an animal room, an aquarium room, teaching collections of plants and animals, and an electron microscope. The rural setting of the University offers ample opportunities for study in local forests, mountains, and rivers.

COMMON CORE COURSES

Courses in the Laboratory Science section of the Common Core are Environmental Biology (BIOL 0102), Human Biology (BIOL 0104), Biology Today (BIOL 0106), and Human Anatomy and Physiology I (BIOL 0237). **The 100-level courses (BIOL 0102, 0104, and 0106) do not satisfy requirements for the Biology Major and should not be taken by students majoring in Biology.** Mathematical Methods in the Natural Sciences (BIOL 0123) is part of the Applied Analytical Reasoning section of the Common Core.

REQUIREMENTS FOR THE BIOLOGY MAJOR - 61 CREDITS

To earn a major in Biology, students must successfully complete all Introductory Courses, Biology Seminars, Required Chemistry Courses, Upper Division Courses, and Elective Courses as described below.

INTRODUCTORY COURSES

BIOL 0123 Mathematical Methods in the Natural Sciences	(3)
BIOL 0128 Introduction to Organismal, Ecological and Evolutionary Biology	(4)
BIOL 0129 Introduction to Molecular, Cellular and Developmental Biology	(4)

BIOL 123 satisfies the Applied Analytical Reasoning requirement of the Common Core. BIOL 0128 and BIOL 0129 **DO NOT** have to be taken in sequence, but should be taken in the first year.

BIOLOGY SEMINARS *

Four 1-credit seminars as follows:

BIOL 0180 Introductory Seminar in Biology	(1)
BIOL 0280-0288 Biology Seminars	(1+1)
BIOL 0380 Senior Seminar	(1)

* In addition to other information, seminars assist students with the preparation of the Departmental portfolio required for graduation.

REQUIRED CHEMISTRY COURSES

CHEM 0109 General Chemistry I	(4)
CHEM 0111 General Chemistry II	(4)
CHEM 0201 Organic Chemistry I	(4)
CHEM 0203 Organic Chemistry II	(4)

Two semesters of chemistry may be used to satisfy the Science requirement of the Common Core.

UPPER DIVISION BIOLOGY COURSES

ONE course from each of the following areas:

EVOLUTION

BIOL 0230 Evolution	(3)

ECOLOGY

BIOL 0201 General Ecology OR BIOL 0202 Conservation Biology	(4)

CELL / MOLECULAR

BIOL 0203 Genetics OR BIOL 0205 Cell Biology OR BIOL 0223 Microbiology	(4)

ORGANISMAL / PHYSIOLOGY

BIOL 0211 Plant Biology OR BIOL 0221 Vertebrate Physiology OR BIOL 0227 Comparative Vertebrate Anatomy OR BIOL 0239 Human Anatomy and Physiology II **	(4)

** BIOL 0237 Human Anatomy and Physiology I is a prerequisite for BIOL 0239.

ELECTIVE COURSES

A minimum of 15 additional credits in Biology above the 100-level, selected with guidance from the faculty advisor, including a minimum of TWO COURSES AT THE 300-LEVEL. Three or more credits of BIOL 0399 Independent Research may be substituted for ONE 300-level course. Biochemistry (CHEM 0313) may be included as one of the courses satisfying the 15 credits, but MAY NOT be used as one of the courses at the 300-level.

RECOMMENDED COURSES

If students are interested in graduate or professional school, a year of calculus and a year of physics is strongly recommended. Students should discuss their academic and career goals with their faculty advisor to identify appropriate coursework.

LICENSURE FOR TEACHER OF BIOLOGY (8-12)

The Biology Department, in collaboration with the Education Department, offers a program of study leading to licensure by the Massachusetts Department of Education as a Teacher of Secondary School Biology. The Biology Teacher Education Program at Westfield State University is accredited by the National Council for Accreditation in Teacher Education (NCATE) and has been recognized by the National Science Teachers Association.

Students wishing to be licensed to teach Biology at the High School level must complete the following:

The professional sequence for the secondary (8-12) specialist (described in the Education Department section).

The introductory courses (11 credits), biology seminars (1 credit BIOL

0180, 1 credit BIOL 0280-0288, and 1 credit BIOL 0380), and required chemistry courses (16 credits) listed above for the Biology Major, in addition to:

BIOL 0201General Ecology	(4)
BIOL 0203 Genetics	(4)
BIOL 0205 Cell Biology (preferred) OR	(4)
BIOL 0223 Microbiology	
BIOL 0211 Plant Biology	(4)
BIOL 0230 Evolution	(3)
BIOL 0237 Human Anatomy and Physiology I	(4)
BIOL 0289 History & Nature of Scientific Knowledge	(1)
BIOL 0390 Teaching Secondary School Biology	(3)
PHSC 0101 Introduction to Physics	(4)
Two additional 300-level Biology courses selected in consultation with the Program Coordinator.	(8)

Student progress toward meeting Advanced Standing in Teacher Education is monitored at the end of the sophomore year (57 credits). Please see the section on Licensure for Teacher Education.

In order to be eligible for student teaching, a student must have completed all required course and field work, have an overall GPA of 2.8 (including transfer work), and have a passing grade in the appropriate Massachusetts Tests for Educator Licensure (i.e., Communication and Literacy and the Biology subject area tests).

INTERDISCIPLINARY MAJOR IN ENVIRONMENTAL SCIENCE

The Department of Biology, in conjunction with other departments within the University, supports courses that are included within the interdisciplinary major in Environmental Science. For more information about this major, see the listing in the Environmental Science section of this *Bulletin*.

BIOLOGY MINOR

To earn a Minor in Biology, students must successfully complete a minimum of 18 credits in Biology, distributed as follows:

BIOL 0128 Introduction to Organismal, Ecological and Evolutionary Biology	(4)
BIOL 0129 Introduction to Molecular, Cellular and Developmental Biology	(4)
BIOL 0230 Evolution	(3)
Two additional Biology courses above the 100-level	(7)

At least one of these additional BIOL courses must be a lab course. In order to receive a Biology Minor, Environmental Science Majors must take two additional upper level biology courses beyond those applied toward fulfilling their Environmental Science Major.

ADVISING

Biology faculty members welcome the opportunity to talk with incoming students about the Program. Students who decide to major in Biology will be assigned a faculty advisor in the Department who can provide guidance concerning the Major and related work in mathematics, chemistry, physics, secondary education, and other areas of interest. Consultation at an early date is encouraged to assist with course selections that lead toward a variety of career options.

TRANSFER STUDENTS

In addition to satisfying all major requirements, all transfer students must complete a minimum of 20 Biology credits at Westfield State.

Courses

Waiver of prerequisites: A student with a strong background may consult with the instructor to request the waiver of any prerequisite for a specific course.

BIOL 0102 ENVIRONMENTAL BIOLOGY (4) An introduction to general ecological principles, and an examination of human interactions with, and effects upon, the environment.

BIOL 0104 HUMAN BIOLOGY (4)Human Biology introduces the structure and function of the human body. Students will study the major systems of the human body, including reproduction, digestion and nutrition, circulation, respiration, nervous and hormonal control and locomotion through examination of and non-invasive experimentation with their own bodies, computer simulations, reading and attending lecture/discussions.

BIOL 0106 BIOLOGY TODAY (4) An introduction to the study of cells, cellular reproduction, inheritance and the gene, molecular genetics, and the development of organisms. Concentrates on human genetics and development. Investigates the role of biotechnology in genetics and development. Prerequisite: None.

BIOL 0123 MATHEMATICAL METHODS IN THE NATURAL SCIENCES (3) This course is principally intended for science majors. It provides students having a strong interest in natural science with specialized and necessary mathematical skills to address problems in their majors. Topics covered include function and their behavior, graphs, curve fitting, modeling, descriptive and inferential statistics, data handling, and experimental design. Hands-on learning techniques are emphasized with an extensive use of technology such as graphing calculators, computers and software for data analysis, and data collection equipment.

BIOL 0128 INTRODUCTION TO ORGANISMAL, ECOLOGICAL, AND EVOLUTIONARY BIOLOGY (4) An introduction to the patterns and processes of evolution. Topics include population genetics, adaptation, evolution, diversity, and ecology. This course will focus on methods of inquiry, collection and analysis of data, and interpretation and presentation of results. Prerequisites: None.

BIOL 0129 INTRODUCTION TO MOLECULAR, CELLUAR, AND DEVELOPMENTAL BIOLOGY (4) An introduction to the chemical foundations of life, cell structure and function, inheritance, sexual reproduction, and embryonic development. This course will focus on methods if inquiry, collection and analysis of data, and interpretation and presentation of results. Prerequisite: None.

BIOL 0180 INTRODUCTORY SEMINAR IN BIOLOGY (1) A seminar course to introduce first-year and transfer students to the theory and practice of biological inquiry. Students will examine the process of scientific model creation and experimental design. Critical thinking and the mathematical, literacy and communication skills required for the study of biology will be emphasized. The Biology Departmental Objectives and portfolio assessment process will be introduced.

BIOL 0200 NATURAL HISTORY IN AMERICA (3)An introduction to American naturalists and nature writers from the earliest exploration and settlement to the present.

BIOL 0201 GENERAL ECOLOGY (4) Study of the interactions between organisms and their environment. Topics covered include:Evolution, patterns of distribution, factors affecting distribution, population dynamics, competition, predation, parasitism, mutualism, energy and nutrient flow in ecosystems, and the analysis of the process of succession. Current ecological problems will be discussed throughout the course. Labs will involve field experiences. Prerequisite: BIOL 0128 or permission of instructor.

BIOL 0202 CONSERVATION BIOLOGY (4) This course will discuss the current loss of biological diversity ("biodiversity") around the globe. We will discuss the following topics:What biodiversity is, how biodiversity is distributed across the globe, the value of biodiversity, why certain species are vulnerable to extinction, the major threats to biodiversity, the role that humans play in the process of declining biodiversity, and the best ways to preserve biodiversity. Through lectures, discussions and laboratories, we will address these questions, examine how populations are monitored and examine factors that result in decreasing biodiversity. Prerequisite: BIOL 0102 or BIOL 0128, or permission of instructor.

BIOL 0203 GENETICS (4) An introduction to inheritance, including molecular, quantitative, and population genetics. Laboratory activities include computer simulations, molecular modeling, collection and analysis of data, and DNA analysis. Prerequisite: BIOL 0128 and BIOL 0129.

BIOL 0205 CELL BIOLOGY (4) A study of the structure, function, and life history of cells and their components. Consideration of relationships among cell organelles and between cells and their environments. Prerequisite: BIOL 0129; two semesters of General Chemistry recommended.

BIOL 0206 PLANTS AND HUMAN SOCIETY (3) This course will explore the relationship between plants and humans. We will focus on historical relationships such as the origins and influences of agriculture on the development of human societies, as well as current and potential impacts of plants and plant products on medicine, biotechnology, and economics. Students will be introduced to some basic principles of plant biology and ecology in order to understand pertinent aspects of agriculturally, medicinally, and economically significant plant groups. Display material, group work, and student presentations will be a significant part of this course. Prerequisite: BIOL 0128.

BIOL 0207 DEVELOPMENTAL BIOLOGY (4) A study of animal development using the disciplines of molecular biology, cell biology, genetics and morphology. After laying the groundwork for the study of development, this course will explore the developmental process in major model organisms (C. *elegans*, *Drosophila*, *Xenopus*, zebrafish, chick, mouse, and *Arabidopsis*).Early animal development through organogenesis will be explored. Prerequisite: BIOL 0129

BIOL 0208 MARINE BIOLOGY (4) An in-depth investigation of the various marine ecosystems such as sand, mud, and rock intertidal areas, salt marshes, estuaries, coral reefs, and mangrove forests; also the neritic, pelagic, and ethnic regions of the open ocean. Includes the numerous interactions between biotic and abiotic factors present. Adaptations of life forms for survival in these environments will be discussed. Also includes laboratory exercises, including establishing, maintaining and analyzing a salt water aquarium, plus field trips to the coast. Prerequisite: BIOL 0128.

BIOL 0209 MEDICAL MICROBIOLOGY (4) An introductory study of microorganisms. Principles of structure, metabolism, and genetics of microbes, are considered within a clinical framework. Application of basic principles focuses on medically important microorganisms, their transmission, and mechanisms of pathogenicity. Laboratory includes basic techniques for the study, enumeration, and identification of bacteria, clinical applications, and disease case studies. Students who have completed BIOL 0223 may not receive credit for this course. Prerequisites: BIOL 0129 or CHEM 0103.

BIOL 0210 HISTOLOGY (3) Study of the microscopic structure and function of animal tissues with emphasis upon the mammal. An introduction to the basic principles of microtechnique. Prerequisite: BIOL 0129 or equivalent.

BIOL 0211 PLANT BIOLOGY (4) An introduction to the structure, function, and diversity of plants and related groups, including anatomy, morphology, physiology, reproduction, ecology, and evolution. Specific topics include plant tissues, plant organs and their function, photosynthesis, transport processes, primary and secondary growth, hormone action, flowering, seed and fruit production, environmental influences on growth and development, and the role of plants in ecosystems and the biosphere. Also, evolutionary relationships between the major groups of terrestrial plants (bryophytes, primitive vascular plants, non-seed plants, gymnosperms, and angiosperms) and an introduction to related organisms including fungi and algae. Laboratories include several short- and long-term experiments as well as experiences in data collection, data analysis, and scientific writing. Three hours lecture, three hours laboratory per week. Prerequisites: BIOL 0128 and BIOL 0129.

BIOL 0212 MAMMALOGY (4) The identification, classification, evolution, ecology, and physiology of mammals with emphasis on New England species. Laboratory work will include an introduction to the common techniques used in mammalogy, experimentation, a taxonomic survey of the class, and identification of the skins and skulls of the local fauna. Prerequisites: BIOL 0128. (Formerly BIOL 0312)

BIOL 0216 FLORA OF MASSACHUSETTS (4) An introduction to the vascular flora of Massachusetts using herbarium specimens and field observations. Includes the use of keys to identify the unknowns and a taxonomic survey of major families. Prerequisite: BIOL 0128, or GARP/ENVS 0106.

BIOL 0217 INVERTEBRATE ZOOLOGY (4) Study of representative groups of invertebrates, including the phylogenetic relationships and the morphology, physiology and natural histories of selected individual animals. Prerequisite BIOL 0128.

BIOL 0219 AQUATIC BIOLOGY (4) Survey covering the biological, chemical, and physical characteristics of inland waters with emphasis on the environmental relationships, identification, and natural history of indigenous aquatic organisms. Considerable work is done in the field. Prerequisite BIOL 0128.

BIOL 0221 VERTEBRATE PHYSIOLOGY (4) Recognition and interpretation of the integration of function in the organ systems of the vertebrate animal in relation to environmental influences. Prerequisite: BIOL 0128.

BIOL 0223 MICROBIOLOGY (4) Provides an introductory study of the microorganisms with emphasis on bacteriology. Consideration of clinical and environmental aspects, principles of structure, metabolism, and genetics of Prokaryotes. Laboratory includes basic techniques for study, enumerations, and identification of bacteria. Students who have completed BIOL 0209 may not receive credit for this course. Prerequisite: BIOL 0129 or CHEM 0103.

BIOL 0227 COMPARATIVE VERTEBRATE ANATOMY (4)A study of the anatomy and phylogeny of the vertebrates. Lecture topics will include gross anatomy and consideration of evolutionary trends among the vertebrates. Laboratory work will consist primarily of the dissection of representative species. Prerequisites: BIOL 0128 and BIOL 0129.

BIOL 0230 EVOLUTION (3) A discussion of theories of evolution, evidence for evolution, genetic variability and changes in populations, and evolutionary patterns of the past. Prerequisite: BIOL 0128 or permission of instructor.

BIOL/ENVS 0233 ENVIRONMENTAL LEGISLATION (3) A detailed examination of the need for, and biological basis for, the standards established by existing, or proposed, federal and state legislation. The lectures, which will deal with topics such as the National Environment Policy Act and the Water Pollution Control Act, will be supplemented by analysis and discussion of environmental impact statements and court decisions dealing with each of the topics covered. Prerequisites: BIOL 0128 or ENVS 0106 or GARP 0106.

BIOL 0235 ORNITHOLOGY (4) An intermediate course focusing on the evolution, ecology and distribution, life history and economic importance of the class Aves. Laboratories will emphasize field experience for the identification of local and migratory species, and the study of the anatomy and physiology of birds. Grades will be based upon lectures and laboratory exams. Prerequisite: BIOL 0128.

BIOL 0237 HUMAN ANATOMY AND PHYSIOLOGY I (4) Utilizes a general approach to the human body with emphasis on structure and function to show ways in which various organ systems interact. The integumentary, skeletal, muscular, and nervous systems and sense organs are studied. Prerequisite: BIOL 0106, BIOL 0104, BIOL 0129, or CHEM 0103.

BIOL 0239 HUMAN ANATOMY AND PHYSIOLOGY II (4) Utilizes a general approach to the human body with emphasis on structure and function to show ways in which the various organ systems interact. The respiratory, circulatory, digestive, endocrine, and urinary systems as well as temperature regulation and fluid balance are studied. Prerequisite: BIOL 0237.

BIOL 0254 GIS APPLICATIONS FOR NATURAL SCIENCES (3) An application of geographic information systems technology in the natural sciences, including relevant scientific and civic applications. Topics may include remote sensing and interpretation, construction of GIS databases, map creation and analysis, temporal and spatial modeling, basic GIS operations, the use of current software, interpretation and analysis of aerial photographs and satellite images, and basic electronic cartography. The completion and presentation of a project applying GIS technology to an ecological/natural sciences topic will be a major focus of the course. Prerequisites: GARP 0244 or permission of the instructor.

BIOL 0279 TOPICS IN ENVIRONMENTAL STUDIES (1-4) A field-oriented investigation of one or more ecological communities not found in Massachusetts. The identification, ecology, and/or conservation issues associated with the ecological community will be emphasized and the course will include lectures and/or readings in addition to an extended field trip within the community. Limitations may apply if student has received BIOL credit for a course at the same location. All students in a given term will register for the same number of credits, but the number of credits may change from term to term. Prerequisite: Permission of instructor.

BIOL 0280-0288 BIOLOGY SEMINAR (1) Each seminar will include an in depth study of one area of biology. Topics will vary depending on availability of staff and student interest. Successful completion of the course will require presentation of a portfolio documenting the student's progress in meeting the departmental learning goals. Prerequisite: Junior/senior status and permission of instructor.

BIOL 0289 BIOLOGY SEMINAR: HISTORY AND NATURE OF SCIENTIFIC KNOWLEDGE (1) This seminar will address the current and historical practice of biology as an experimental science. We will examine how our current understanding of several areas of biology has developed and what the criteria for scientific knowledge and practice are now. This course will meet for one hour of weekly discussion. Successful completion of the course will require presentation of a portfolio documenting the student's progress in meeting the departmental learning goals. Prerequisite: Permission of instructor.

BIOL 0299 DIRECTED STUDY (1-3) Directed study in biology with the student conducting a project under supervision of an instructor. A maximum of 6 credits of BIOL 0299 and BIOL 0399 may be applied toward the biology major.

BIOL 0305 PLANT COMMUNITIES (4) A study of terrestrial plant associations emphasizing those of New England. Topics include the description and sampling of vegetation, herbarium and collecting techniques and recognition of common genera in the field and keying to species in the lab. Field trips required. Prerequisite: BIOL 0211.

BIOL 0311 THE SUMMER FLORA (3) A field-oriented introduction to the flora of Massachusetts. The various habitats in the region will be visited with an emphasis on learning the typical plant species in each. Collecting techniques, specimen preparation, use of field guides and technical manuals, ad the development of a teaching herbarium will be discussed. Prerequisite: BIOL 0211(or equivalent), or permission of the instructor.

BIOL 0313 IMMUNOLOGY (4) Explores the nature of antigens and the immunological response. The immune response will be considered in relation to infectious disease, transplantations, allergies, and cancer. The laboratory includes basic serological techniques for separation of serum proteins. BIOL 0129 and permission of instructor.

BIOL 0322 ELECTRON MICROSCOPY (4) Consideration of research frontiers in biological fine structure will include practice in the basic techniques of the transmission electron microscope and will focus on analysis of the capabilities and limitations of the instrument. Prerequisite: BIOL 0205 or BIOL 0210.

BIOL 0325 ECOSYSTEMS (4) This course is an in-depth study of the major characteristics of global ecosystems and how they change through time. We will explore past and current changes in ecosystem structure, function, and diversity in order to understand and predict how they likely will change in the future. Topics include: climate change, human and natural disturbances, biogeochemical cycles, and ecosystem management. Prerequisite: BIOL 0201 or BIOL 0202.

BIOL 0334 ANIMAL BEHAVIOR (4) This course will emphasize the adaptive value and evolutionary importance of animal behavior. We will explore the basic question:Why do animals have the particular behaviors that they have?Topics include:Habitat selection, dispersal, foraging, aggression, mating, reproduction, social organization, altruism, cooperation, and communication. In addition to reading from the text, students will critically read and discuss journal articles. Labs will involve in-depth studies of animal behavior and independently designed student projects. Prerequisites:BIOL 0128 and either BIOL 0201 or BIOL 0230, or permission of instructor.

BIOL 0336 MOLECULAR GENETICS (4) Theory and application of modern molecular genetic techniques. Topics include chemistry of nucleic acids and proteins, genome structure and evolution, and regulation of gene expression. The laboratory includes techniques in DNA isolation and purification, RFLP analysis, cloning, PCR, protein isolation and purification, computer simulations, and sequence analysis via the World Wide Web. Prerequisite: BIOL 0203 or BIOL 0205.

BIOL 0380 SENIOR SEMINAR (1) This course will serve as a means to assess the students' knowledge of the Biology Department's learning outcomes, especially the skill goals. The portfolio will be composed of several items including, but not limited to, the students' ability to perform experiments and investigations, analyze data, and interpret research. Students will also be given guidance on career options, specific to their needs. The course will be offered during fall semester so students may take advantage of advice during the period of time that graduate school applications are due. For those not planning on attending graduate school, job application skills will be discussed (e.g. writing a cover letter and résumé, interviewing). Prerequisite: BIOL 0180 and senior standing.

BIOL 0388 BIOLOGY INTERNSHIP (1-12) A vocational experience in the area of the student's biological interest. Course is designed to provide a hands-on contact involving a variety of responsibilities and skills related to the student's specific concentration. Does not count toward 0300-level course requirement. Prerequisite: Permission of department.

BIOL 0389 ADVANCED TOPICS IN ENVIRONMENTAL STUDIES (1-4) A field-oriented investigation of one or more ecological communities not found in Massachusetts. The identification and ecology of the plants and animals of the community will be emphasized and the course will include lectures and/or readings in addition to an extended field trip within the community. Prerequisite: Permission of instructor.

BIOL 0390 TEACHING SECONDARY SCHOOL BIOLOGY (3) A practical experience for students seeking licensure as a secondary school biology teacher. Topics will include the presentation of lessons, assessment techniques, use of computers, planning the laboratory experience and inquiry teaching. Thirty hours of pre-practicum experience in a secondary school biology classroom is a requirement in this course. This course may be used to satisfy biology elective requirements but does not count toward 0300-level course requirements. Prerequisites: EDUC 0353 and permission of instructor.

BIOL 0399 INDEPENDENT RESEARCH (1-3) Directed research in biology with the student conducting a research project under supervision of an instructor. Research projects should involve investigation of a biological problem using the scientific method. The results of the study should be reported in the form of a scientific research paper and presented in an oral presentation to the department. Three or more credits of BIOL 0399 may be applied toward the biology major. A maximum of 6 credits of BIOL 0299 and BIOL 0399 may be applied toward the biology major. Prerequisite: Permission of instructor.

Communication

The Department of Communication offers a major in Communication leading to the Bachelor of Arts degree.

The Communication major prepares students to be well-informed, responsible citizens, as well as creative and ethical communication practitioners. Such preparation is achieved by providing students with the historical and theoretical background to analyze and understand global culture dominated by media and dependent on effective communication. Our program manifests this balance of theory and practice in courses, a widely respected internship program, and student involvement in a variety of campus and community organizations.

Through growing awareness and engagement with local and global issues our students advance their knowledge and skills with the goals of establishing professional careers, pursuing graduate studies, and improving the quality of our communities. Communication majors have found the curriculum to be a strong foundation for entering graduate programs in journalism, communication, law, and other disciplines. Graduates obtain entry-level jobs with television and radio stations, video production facilities, newspapers, public relations firms, social service agencies and other industry and non profit organizations. They work as writers and journalists, broadcasters, producers and production assistants, manages, sales representatives, public relations practitioners, and creative personnel in virtually all segments of society where effective communication knowledge and skills are critical.

The campus supports an active chapter of Lambda Pi Eta, the National Honor Society in Communication, and qualified students are inducted into the society each year.

Current and new majors should make a point of meeting their advisors frequently to plan programs that will meet graduation requirements and to explore the many opportunities available at the University and in the community.

FACILITIES

The Department maintains a television studio, digital camcorders, field production equipment, non-linear editing suites, audio production labs, and digital image processing and multimedia production workstations. Additionally, the University supports a number of student-run media organizations relevant to Communication majors, including a radio station, a weekly newspaper, and a campus-wide cable television channel.

INTERNSHIPS

The Internship Program in the Department of Communication offers qualified students an opportunity to gain valuable experience with professional communication organizations while earning college credit. Experiences vary, depending upon regulations and restrictions that are set by each agency. Internships are available with local, regional, national, and international agencies. Among the available opportunities in public relations/marketing, broadcasting, and journalism are sites in Boston, New York, Hartford, Springfield; London, England; and Dublin, Ireland.

CHANGING OF MAJOR

Any student seeking to change to the Communication major must have a 2.5 GPA and complete a departmental application.

REQUIREMENTS FOR THE COMMUNICATION MAJOR - 45 CREDITS

REQUIRED MAJOR CORE - 27 CREDITS

COMM 0101 Introduction to Mass Communication	(3)
COMM 0102 Introduction to Human Communication	(3)
COMM 0201 Introduction to Communication Technology	(3)
COMM 0204 Writing for the Media	(3)
COMM 0207 Communication Ethics	(3)
COMM 0209 Global Communication	(3)
COMM 0221 Communication Theory	(3)
COMM 0307 Communication Law	(3)
COMM 0320 Foundations of Communication Research	(3)

STUDENTS MUST ELECT ONE OF THE FOLLOWING CONCENTRATIONS. In addition to the required courses for each concentration, students are required to take electives, one of which must bear a COMM designation. If the concentration requires three or more electives, one of the remaining electives may be chosen from the approved elective list from any of the other concentrations.

PUBLIC AND CORPORATE COMMUNICATION - 18 CREDITS

The Public and Corporate Communication concentration focuses on the knowledge and skills required to develop and maintain mutually beneficial relationships between organizations or individuals and their publics. Students learn the skills, concepts and theoretical background to enable them to plan, implement and evaluate communication programs directed toward relationship building.

Required	(12)
COMM 0203 Principles of Public Relations	(3)
COMM 0336 Advanced Public Relations	(3)
COMM 0340 Organizational Communication	(3)
COMM 0342 Public Relations Writing	(3)
Electives - choose two (6 credits)	
COMM 0106 Principles of Video Production	(3)
COMM 0216 Issues in Advertising	(1-3)
COMM 0220 Communication and Conflict	(3)
COMM 0222 Intercultural Communication	(3)
COMM 0223 Web Page Design and Construction	(3)
COMM 0230 Fundamentals of Audio Production	(3)
COMM 0240 Communication History	(3)
COMM/ENGL 0275 Journalism I	(3)
COMM 0303 Persuasive Communication	(3)
COMM 0312 Media Criticism	(3)
COMM 0316 Special Topics (when applicable)	(3)
COMM 0321 Political Communication	(3)
COMM 0323 Interpersonal Communication	(3)
COMM 0336 Advanced Public Relations	(3)
ART 121-131 Design Workshop (when applicable)	(1)
ART 0206 Lettering and Layout	(3)
ART 0328 Graphic Design I	(3)
ART 0344 Graphic Design II	(3)
ENGL 0103 Speech	(3)
ENGL 0331 Special Topics of Professional Writing (when applicable)	(3)
ENGL 0392 Business and Technical Writing	(3)
MRKT 0231 Marketing Management	(3)
MRKT 0307 Marketing Research & Techniques	(3)
MRKT 0328 Principles of Advertising	(3)
MOVP 0330 Sports Promotion	(3)
POLS 0318 Public Management Skills	(3)
PSYC 0200 Industrial and Organizational Psychology	(3)
SOCI 0311 Complex Organizations	(3)

MEDIA ARTS AND ANALYSIS- 18 CREDITS

The Media Arts and Analysis concentration offers students the opportunity to develop the knowledge and skills necessary for the analysis, evaluation, and/or production of media texts. The concentration is designed to allow students the flexibility to focus on one medium—video, digital media, audio, or film—or to combine two or more areas. Courses in the concentration also encourage an examination of the structures and functions of media organizations.

Required	(6)
COMM 0330 Issues in the Media Industries	(3)
COMM 0332 Writing for Electronic Media	(3)
Electives - choose four (12 credits)	
COMM 0106 Principles of Video Production	(3)
COMM/ENGL 0108 Introduction to Film	(3)
COMM 0202 Introduction to Photography	(3)
COMM 0206 Video Studio Production	(3)
COMM 0208 Video Field Production	(3)
COMM 0211 Representation in the Media	(1-3)
COMM 0212 Film and Gender	(3)
COMM 0213 Global Film Studies	(3)
COMM 0214 Topics in Film	(1-3)
COMM 0223 Web Page Design and Construction	(3)
COMM 0230 Fundamentals of Audio Production	(3)
COMM 0233 Documentary Film	(3)
COMM 0240 Communication History	(3)
COMM 0245 Silent Film	(3)
COMM 0302 Video Field Production	(3)
COMM 0309 Electronic Journalism	(3)
COMM 0310 Advanced Digital Video Editing	(3)
COMM 0312 Media Criticism	(3)
COMM 0316 Special Topics (when applicable)	(3)
COMM 0325 Photojournalism	(3)
COMM/CRJU 0329 Crime and the Media	(3)
COMM 0328 Audio Production II	(3)
COMM 0331 Advanced Web Page Design and Construction	(3)
COMM 0335 Media, Technology, and the Future	(3)
ART 0108 Computer Graphics I	(3)
ART 121-131 Design Workshop (when applicable)	(1)
ART 0212 Computer Graphics for Art Applications II	(3)
ENGL 0285 Basics of Film Writing	(3)
ENGL 0367 Film Theory and Criticism	(3)
ENGL 0385 Screenwriting for Feature Film	(3)
ENGL 0391 Special Studies in Film	(3)
ENGL 0393 History/Development of Motion Pictures	(3)
PHIL 0217 Philosophy and Film	(3)

JOURNALISM - 18 CREDITS

The Journalism concentration emphasizes the acquisition of both reporting skills and the practices essential for the production of meaningful multimedia journalism. Through an examination of the organization and operation of news industries, as well as social and professional issues encountered by journalists, students deepen their understanding of the role journalism plays as a social force. Elective courses in the concentration allow students to explore a variety of journalistic specialties.

Required	(12)
COMM 0235 The History of Journalism	(3)
COMM/ENGL 0275 Journalism I	(3)
COMM 0308 Multimedia Journalism	(3)
COMM/ENGL 0394 News Editing	(3)
Electives - choose two (6 credits)	
COMM 0106 Principles of Video Production	(3)
COMM 0223 Introduction to Web Design & Construction	(3)
COMM 0230 Fundamentals of Audio Production	(3)
COMM 0233 Documentary Film	(3)
COMM 0240 Communication History	(3)
COMM 0309 Electronic Journalism	(3)
COMM 0312 Media Criticism	(3)
COMM 0316 Special Topics (when applicable)	(3)
COMM 0325 Photojournalism	(3)
COMM/CRJU 0329 Crime and the Media	(3)
COMM 0332 Writing for Electronic Media	(3)
COMM 0342 Public Relations Writing	(3)
COMM 0347 Opinion and Editorial Writing	(3)
COMM 0348 Long-form Journalism	(3)
COMM 0349 Online Journalism	(3)
COMM/ENGL 0375 Journalism II	(3)
COMM/ENGL 0395 Sports Writing	(3)
ENGL 0276 Writing about the Arts	(3)
ENGL 0377 Feature Writing	(3)
ENGL 0392 Business and Technical Writing	(3)

COMMUNICATION AND CULTURE - 18 CREDITS

This concentration provides an overview of international, intercultural, and interpersonal communication models and strategies. Courses examine international issues and conflicts, emphasize intercultural awareness, explore ways relationships are structured by patterns of communication, and identify methods to help resolve and reconcile misunderstanding and estrangement. The goal is to involve students more directly with cultural interaction and experiences in preparation for work in culturally diverse contexts.

Three of the following:	(9)
COMM 0213 Global Film Studies	(3)
COMM 0220 Communication and Conflict	(3)
COMM 0222 Intercultural Communication	(3)
COMM 0225 Theory and Practice of International Conflict Resolution	(3)
COMM 0306 International Communication	(3)
COMM 0323 Interpersonal Communication	(3)
COMM 0350 Seminar in Global Media Studies	(3)
Electives - choose three (9 credits)	
COMM 0212 Film and Gender	(3)
COMM 0214 Topics in Film (when applicable)	(3)
COMM 0233 Documentary Film (when applicable)	(3)
COMM 0280 International Seminar	(3-6)
COMM 0316 Special Topics (when applicable)	(3)
COMM 0321 Political Communication	(3)
COMM/CRJU 0329 Crime and the Media	(3)
COMM 0340 Organizational Communication	(3)
EGST 0101 Intro to Comparative Ethnic Studies	(3)
PSYC 0318 Psych. of Interpersonal Relations and Communications	(3)
PSYC 0363 Cross-Cultural Psychology	(3)
SOCI 0200 Cultural Anthropology	(3)

STUDENT-DEFINED CONCENTRATION - 18 CREDITS

Under unique circumstances and with the approval of both their advisor and the department chair, students may design their own concentration within the major, provided that it meets specifications established by the department.

NOTE: Other electives available in the University's other departments of study may be chosen with the recommendation of the student's advisor and the approval of the department chair.

FIELD PLACEMENT

The following course requires departmental and/or faculty approval:
COMM 0305 COMMUNICATION INTERNSHIP (3-15)
(Credits earned for COMM 0305 may not be substituted for the Required Major Core, Concentration Requirements, or Concentration Electives).

MINOR IN COMMUNICATION – 18 CREDITS

Students electing a minor in Communication must complete:

Three (3) courses/ 9 credits from the required major core;
Three (3) courses/ 9 credits with a COMM designation.

MINOR IN FILM STUDIES – 18 CREDITS

The Film Studies Minor promotes the interdisciplinary examination of film as a unique media form with its own particular history, narrative elements, industrial structure, and profound political and cultural importance in contemporary society. The goal of this program is to enable students to think critically about the usual modes of consumption through which film is typically received as popular entertainment.

The cornerstone of the program is a required lower-division course introducing the study and discussion of film through recognition and awareness of its various compositional elements and the specific terminology used in film studies. Through a variety of interdisciplinary courses in film, students will acquire an understanding of film theory and the ability to read film as primary material for analysis through such disciplines as film theory, literary theory, philosophy, political science, history, foreign languages, cultural studies and others.

Students completing a Film Studies minor will complement their majors with a basic understanding of film as an art form and a powerful medium of social provocation. They will understand the social, historic, and economic contexts for film, as well as the nature of mainstream film production and distribution, and issues surrounding the burgeoning growth of alternative film, international film, documentary film, art film, video art, and Internet distribution. Along with canonical and top-grossing film, curriculum will include smaller movies made by and for specific interest groups, such as ethnic, sexual, religious, or political minorities.

Perhaps most importantly, the Film Studies minor will provide students with the tools to analyze and reconsider film from a number of critical and creative perspectives, broadening their ability to appreciate, interrogate, and comprehend the most popular art from of the last century.

Required

ENGL/COMM 0108 Introduction to Film	(3)

Elective - 15 credits
At least one 300-level course is required to complete the minor

COMM 0206 Video Studio Production	(3)
COMM 0212 Film and Gender	(3)
COMM 0213 Global Film Studies	(3)
COMM 0214 Topics in Film	(1-3)
COMM 0332 Writing for Electronic Media	(3)
COMM 0302 Video Field Production	(3)
ENGL 0285 Basics of Film Writing	(3)
ENGL 0367 Film Theory and Criticism	(3)
ENGL 0393 History and Development of Motion Pictures	(3)
ENGL 0385 Screenwriting for Feature Film	(3)
ENGL 0391 Special Studies in Film	(3)
PHIL 0217 Political Philosophy and Film	(3)
POLS 0323 US Politics in Film	(3)

Courses

Beginning fall 2008, the MCOM course prefix was changed to COMM.

COMM 0101 INTRODUCTION TO MASS COMMUNICATION (3) Provides students with a comprehensive survey and critical analysis of mass communication. This is accomplished through the study of the history and structure of mass media industries and an examination of social, economic, political, cultural, and global factors that create the context in which media operate.

COMM 0102 INTRODUCTION TO HUMAN COMMUNICATION (3) Provides students with a a survey of the field of human communication. Students will explore the symbolic nature of both verbal and nonverbal communication in several contexts including dyadic, small group, intercultural and organizational settings. Within and across contexts, students will study fundamental communication processes such as message construction, listening, persuasion, deception, and relationship development.

COMM 0106 PRINCIPLES OF VIDEO PRODUCTION (3) Offers an introduction to the basics of producing video in both the studio and the field and to the rudiments of nonlinear editing. In addition to learning the basics of productions, students will be introduced to the fundamental aesthetic principles of images, light, space, time/motion, and sound. Aesthetic decisions will be discussed in an ethical context.

COMM 0108 INTRODUCTION TO FILM (3) Examines the aesthetic elements of film including cinematography, editing, sound, script, acting, direction, and mise en scene. The study of film also may include contexts such as cultural roles, genre, political issues, economics, and history.

COMM 201 INTRODUCTION TO COMMUNICATION TECHNOLOGY (3) Offers an introduction to the presentation tools needed by communication specialists. Students will learn how to use a variety of media to effectively communicate ideas. They will consider the aesthetic dimensions as well as the production aspects of a number of media formats. Those formats will include speech, text, audio, video, the web, and presentation software.

COMM 0202/ART 0215 INTRODUCTION TO PHOTOGRAPHY (3) Examines techniques and applications of photography. Areas of study include camera operation, film selection, lenses, filters, lighting, composition, and digital monochrome and color image processing and manipulation (currently Adobe Photoshop). The history of the medium and its communicative properties also are discussed.

COMM 0203 PRINCIPLES OF PUBLIC RELATIONS (3) Examines the principles and processes of public relations. Areas of discussion include organizational aspects, the public relations environment, fact finding, planning and programming, implementation, evaluation and audience analysis.

COMM 0204 WRITING FOR THE MEDIA (3) Explores a variety of writing modes used in mass communication. Emphasis is on developing and refining the student's writing skills. Students will be introduced to writing techniques used in newspapers, radio, television, magazines, advertising and public relations. This course is a prerequisite for all other COMM writing courses. Prerequisite: ENGL 0101.

COMM 0206 VIDEO STUDIO PRODUCTION (3) Provides a hands-on course in television studio operations and production. Students will learn to operate the sophisticated equipment in the TV stuio on the third floor of Ely. Students will also explore the larger theoretical and aesthetic considerations involved in the process of video production. Prerequisite: COMM 0106.

COMM 0207 COMMUNICATION ETHICS (3) Examines the process of ethical decision making in the context of communication. Emphasis is placed on the analysis of values and study of ethical principles representing several schools of philosophical thought. Values and principles are then applied to case studies of ethical dilemmas in various communication fields. Prerequisite:COMM 0101.

COMM 0208 VIDEO FIELD PRODUCTION (3) Offers training in the technical skills and aesthetic decisions involved in the processes of video field production and post-production. Students will gain experience in planning, producing and evaluating their own programming in several formats. Prerequisite: COMM 0106

COMM 0209 GLOBAL COMMUNICATION (3) Introduces students to various forms of communication in diverse settings around the world. Students will explore aspects of nationality, politics, ethnicity, religion, gender, sexuality, conflict, and culture. Students will examine how global communication often engenders stereotypes that reflect cultural beliefs and values. Areas for study may include:Africa, Asia, the Middle East, Europe, Oceania, North America, and Latin America. Prerequisite: COMM 0101.

COMM 0211 REPRESENTATION IN THE MEDIA (1-3) This course will examine print and electronic media representations of diverse groups and will be structured in three one – credit segments. The content of each one-credit segment will vary according to the expertise/interest of participating faculty members, but may include examinations of gender, race, ethnicity, class, age, sexual orientation, religions, occupation, and/or disability. Students will read recent research in the field of representation and conduct their own research projects. Prerequisite: COMM 0101.

COMM 0212 FILM AND GENDER (3) Examines the construction and portrayal of gender in film. In addition to surveying some of the predominant cinematic images of gender, students will be introduced to the precepts of contemporary feminist film criticism and gender studies.

COMM 0213 GLOBAL FILM STUDIES (3) Explores film as a means of global understanding. Students will examine the work of filmmakers who use their medium for political expression, cultural illumination, and/or audience education. The course will focus mainly on non-western cinema. Films will be selected from such national/regional cinemas as Black African, Middle Eastern, Indian, Chinese, Japanese, Russian/Soviet, Eastern European, and Latin American

COMM 0216 ISSUES IN ADVERTISING (1-3) Explores a range of critical perspectives on advertising and consumer culture. Topics may include cultural codes in advertising, advertising and children, and global advertising. Prerequisite: COMM 0101.

COMM 0220 COMMUNICATION AND CONFLICT (3) An exploration of the theory, research, and practice of communication in understanding and negotiating conflicts. This course provides an opportunity for students to examine conflict in everyday life with a particular focus on the role that communication plays in the development and management of conflict situations. Readings will cover the primary literature on conflict and communication, power, conflict resolutions strategies (negotiation, mediation, arbitration) and the causes and development of conflict in interpersonal, organizational, and intercultural settings.

COMM 0221 COMMUNICATION THEORY (3) Explores a variety of perspectives from which communication may be studied. Examines different models that have been developed to conceptualize, describe, and explain the communication process. Through class discussion, reading and research, students will analyze the assumptions underlying various communication theories and examine the strengths and weaknesses of these theories. Areas of study include the social and historical context of theory development, interpersonal communication, communication in organizations, and the impact of mass communication. Prerequisite: COMM 0101 and COMM 0102.

COMM 0222 INTERCULTURAL COMMUNICATION (3) Provides knowledge and understanding of the interrelationships among culture, language, and communication. Students will develop skills to overcome intercultural communication barriers such as ethnocentrism, misinterpretation of verbal and nonverbal signals, problems of stereotypes/perceptions and assumptions of similarities. The course will help students become culturally competent communicators in intercultural situations.

COMM 0223 WEB PAGE DESIGN AND CONSTRUCTION (3) Provides training in web page production from basic HTML to the use of sophisticated development technologies. Students will learn how the web works, develop skills in design and aesthetics, and gain fundamental mastery of web production software and basic skills in photo editing software. At the conclusion of the course, student swill be able to build and manage their own and others' web sites.

COMM 0225 THEORY AND PRACTICE OF INTERNATIONAL CONFLICT RESOLUTION (3) An examination of communication theory and cultural practices regarding international conflict resolution, boundary disputes and cultural conflicts in various parts of the world. Critical perspectives on a variety of historical and legal documents, accords, and settlements will be examined. Communication case studies analyzing dispute resolute models and their cultural contexts will be surveyed as prologue and background to a better understanding of intercultural tensions as they interact with modern day media environments.

COMM 0230 FUNDAMENTALS OF AUDIO PRODUCTION (3) Examines the theory and practice of sound recording and reproduction, using digital media. Principles can be applied to radio, television and multimedia audio, and studio music production. Practical exercises involve interview skills and location recording with editing, mixing, and scripting of feature and documentary projects.

COMM 0233 DOCUMENTARY FILM (3) An exploration of documentary film: its history and development, its social and political impact. Students will analyze both film form and content with particular attention to the different styles and philosophies of documentary filmmaking, as well as the socio-historic context in which these films were made. The course will consider documentary film as a form of art and a form of journalism, as an agent for personal expression and an agent for social change.

COMM 0235 THE HISTORY OF JOURNALISM (3) Provides an overview of journalism in the United States from the publication of the first newspaper to the present. Placing emphasis on major figures, institutions, and issues, the course will examine the workings of the press in its several forms and the influence of journalistic media on American society.

COMM 0240 COMMUNICATION HISTORY (3) Studies the development of communication media from the earliest pre-alphabetic inscriptions to modern electronic message systems. The course will examine the social and cultural effects of change in communication technology over time. Prerequisite: COMM 0101.

COMM 0245 THE SILENT FILM (3) Explores the silent film from its birth in 1895 to its demise around 1930. Students will consider the implications of film as the first modern mass medium. They will analyze both film form and content with particular attention to the social, cultural, historic, and political contexts in which silent films were made. Films from Germany, France, and the Soviet Union will be included along with those made in Great Britain and the United States.

COMM/ENGL 0275 JOURNALISM I (3) An introduction to the technique of writing basic news stories. Students will also learn the basics of libel law and consider ethical issues that arise in the practice of journalism. Included is an examination of newsroom duties and responsibilities. Prerequisites:ENGL 0101 and ENGL 0102.

COMM 0280 INTERNATIONAL SEMINAR (3-6) Provides an international experience of academic study and cultural immersion in a variety of locations that can very from year to year. It attempts to examine some of the traditions, assumptions, issues, conflicts, barriers, and misunderstandings which can arise between international cultures. Classes, field trips to historical and archeological sites, national cultural museums, festivals and concerts, home visitations, and discussions with college and university peers will be arranged into a unified international English-language seminar. Course may be repeated. Prerequisite:Permission of the Instructor.

COMM/ENGL 0303 PERSUASIVE COMMUNICATION (3) Introduces students to the study of rhetoric and the characteristics pf persuasive discourse. Theories, principles, and methods of persuasion, from classical to contemporary, will be discussed. Topics explored include ethical issues, types of evidence, and the persuasive use of language and symbols. Students will have the opportunity to analyze and construct a variety of persuasive messages, such as editorials, speeches, and media campaigns. Prerequisites: ENGL 0101 and ENGL 0102.

COMM 0305 COMMUNICATION INTERNSHIP (3-15) Students, with prior approval of the department, intern at local, regional, or national communication sites. A portfolio of work completed at the internship site is required as part of the student's final report.

COMM 0306 INTERNATIONAL COMMUNICATION (3) Explores the social, political, and cultural traits that lead to the development of media systems. Also included in the course will be discussions concerning how governments regulate media, control access, and finance operations. Examples of foreign press and broadcasts will be presented for examination. The impact of new communication technologies will be examined. Prerequisite: COMM 0101 or permission of instructor.

COMM 0307 COMMUNICATION LAW (3) Examines the principles and applications of communication law. Students will be introduced to fundamentals of the American legal system and legal case studies pertinent to the mass media and related communication technologies. Particular emphasis will be placed on such issues as freedom of expression, defamation, privacy, intellectual property, information access, censorship, commercial speech, and government regulation. Prerequisite: COMM 0101.

COMM 0308 MULTIMEDIA JOURNALISM (3) Introduces the skills necessary for reporting and writing in multiple media formats. Students will learn how to put together storied for the Web with video, audio, and graphics as well as text. Using simple hardware and related software, they will be introduced to the technical side of recording, taping, and editing for online presentation. Prerequisite: COMM 0275.

COMM 0309 ELECTRONIC JOURNALISM (3) Offers training in reporting and writing the news for radio, television, and a variety of electronic media formats. Students will learn to tell news stories for online publication as well as for the traditional broadcast outlets. The course will offer an overview of the structure of the electronic news organizations. Prerequisite: COMM 0204 or ENGL/COMM 0275.

COMM 0310 ADVANCED DIGITAL VIDEO EDITING (3) Provides training in advanced video editing techniques using upt to date digital video editing platforms. Topics include cutting dramatic material and non-fiction material, working with audio, and outputting a finished project. Video editing from and edit script will also be covered. Prerequisite: COMM 0208.

COMM 0312 MEDIA CRITICISM (3) Examines mass media from a variety of critical perspectives in order to understand how criticism works as a method of inquiry. Students will learn the language of such critical approaches as semiotic analysis, genre theory, ideological analysis and cultural studies. They will be encouraged to develop an understanding of the larger application of critical methodology. Prerequisite: COMM 0101, and COMM 0221, and junior or senior standing.

COMM 0314 SENIOR THESIS/ PROJECT (3-6*) A capstone experience which offers students the opportunity for extensive exploration of an area of interest. Course requires the completion of a substantial research paper or creative project, and a public presentation of the final work. Excellent option for students interested in graduate school. Prerequisite: Senior status and permission of the department.

COMM 0316 SPECIAL TOPICS IN COMMUNICATION (3) Examines selected communication issues, perspectives, or themes. Prerequisite: COMM 0101 or permission of instructor.

COMM 0319 MEDIA LITERACY (3) Examines the many applications of the media to classroom instruction and investigates the history and current status of media literacy programs in the United States and abroad. Explores the development of curricula designed to provide the ability to access, analyze, evaluate and produce communication in a variety of forms.

COMM 0320 FOUNDATIONS OF COMMUNICATION RESEARCH (3) Explores basic qualitative and quantitative methodologies of communication research, including experiments, surveys, focus groups, field observations, and content analysis. These methodologies are examined as ways of posing questions and solving problems in communication. Each student will write a paper based on a research project including problems definition, literature review, data gathering and analysis. Prerequisite: COMM 0101, **and** COMM 0221, **and** junior or senior standing.

COMM 0321 POLITICAL COMMUNICATION (3) Combines theory, research, and practical experience in order to gain an understanding of the role of mass communication in the electoral process. The course is intended to increase awareness of the problems and responsibilities involved in political and campaign communication, and to provide opportunities to apply political, organizational and communication skills. May be offered in conjunction with the Political Science Department. Prerequisites: COMM 0101 **and** junior or senior standing.

COMM 0322 PROFESSIONAL COMMUNICATION (3) Designed to develop student's ability to function as a member of a task-oriented group, participate in and conduct formal meetings, conduct an interview, make a professional presentation, and write a professional report. Interpersonal, writing and oral skills will be emphasized.

COMM 0323 INTERPERSONAL COMMUNICATION (3) This course will examine human communication, including recent research in the fields of self-concept, conflict management, diversity awareness, listening skills, verbal and non-verbal communication. Through the use of written assignments and small group projects, student will explore methods of application of the course material in a variety of contexts. Prerequisite: COMM 0221.

COMM 0325 PHOTOJOURNALISM (3) Examines how photographic skills can be combined with text and graphics to observe and interpret people, things, and events for publication. Emphasis will be placed on informative, interpretive, and archival characteristics of photojournalism, the moral and ethical dilemmas facing photojournalists, and the history and future of the profession. Prerequisites:COMM 0202 **and** either COMM 0204 or ENGL/COMM 0275.

COMM 0328 AUDIO PRODUCTION II (3)Examines more advanced theory and practice of sound recording and original production using digitial recording techniques and equipment. Principles can be applied to radio, podcast, digital slideshow, television, and multi-media audio for website production. Practical exercises involve location recording, MIDI composition, multi-track digital recording, and audio for video and web application. Prerequisite: COMM 0230.

COMM/CRJU 0329 CRIME AND THE MEDIA (3) The course will deal with issues related to the mass media and crime in society. The increasing importance of the mass media in shaping people's perception of and attitudes toward the criminal justice system will be focused on. Other topics will include the media as a cause and cure for crime, biases in the media coverage, the effects of the media on criminal proceedings and crime on television and films.

COMM 0330 ISSUES IN THE MEDIA INDUSTRIES (3) Includes analysis of media industry and organizational structures, management strategies, audience analysis, promotion and marketing, programming, and the impact of new and emerging technologies. Examines day-to-day practices of media industries within a broader context which emphasizes social, legal, economic, and technological factors. Prerequisites: COMM 0101 **and** junior or senior standing.

COMM 0331 ADVANCED WEB PAGE DESIGN AND CONSTRUCTION (3) Provides advanced training in creating web sites, going beyond the HTML-based introduction provided by COMM 0223, this course helps students cerate web sites and web elements with a high degree of end-user interaction, using industry-standard software tools. Students will create web-based multimedia projects incorporating animations, sounds, photos, and video. They will learn to think about audiences and how learning styles, consumer behavior and cultural factors influence a successful design. Prerequisite: COMM 0223.

COMM 0332 WRITING FOR THE ELECTRONIC MEDIA(3) Offers training in writing for the electronic media in a variety of formats, including news and sports, commercials and public service announcements, simple comedies and dramas, children's programs, features, and documentaries. The course will focus on writing for online consumption as well as for traditional broadcast outlets. Prerequisite: COMM 0204.

COMM 0335 MEDIA, TECHNOLOGY, AND THE FUTURE (3) Examines trends in mediated communication, especially with regard to their future social, cultural, and economic effects on people. Emphasis will be placed on the merging roles and functions of mass media, telecommunication, and computer technologies, global communication, emerging multimedia systems, and technological innovation and notions of progress. Prerequisites: COMM 0101.

COMM 0336 ADVANCED PUBLIC RELATIONS (3) Focuses on the public relations practitioner as communications manager, emphasizing the counseling function of PR in formulating strategies and policies in corporate communications. Prerequisite: COMM 0203 or permission of instructor.

COMM 0339 ISSUES IN JOURNALISM (3) Explores contemporary issues in journalism with an emphasis on social, legal and cultural factors. Includes discussion of news values, decision making, media competition, technology, and community values. Prerequisite: COMM 0101.

COMM 0340 ORGANIZATIONAL COMMUNICATION (3) Examines basic concepts such as communication structure and functions, organizational culture, group and public communication, and communicating technology. Emphasizes the application of organizational communication theories to identifying and solving problems of communication in organizations. Prerequisite: COMM 0101 **and** junior or senior standing.

COMM 0342 PUBLIC RELATIONS WRITING (3) Covers public relations planning, audience analysis, and construction of motivational messages. Students will work on a variety of assignments that emphasize the design and production of effective public relations material for press, publications, and electronic media. Prerequisites: COMM 0203 and COMM 0204 **or** permission of the instructor.

COMM 0347 OPINION AND EDITORIAL WRITING (3) Students will write columns and editorials suitable for publication in a local newspaper. As opinion writers, they will research political, economic, and social issues, develop editorial stances as individuals and as an editorial board, and then produce a series of articles that reflect either their opinions or those of the board. Prerequisite: ENGL 0275 **or** COMM 0275.

COMM 0348 LONG-FORM JOURNALISM (3) Students will write long-form stories for newspapers and magazines using the advanced narrative techniques. While students will complete a significant amount of reporting, the course focuses on developing writing skills through the practice and the study of techniques used in creative literary journalism. By the end of the semester, students should have produced articles suitable for publication as a series in a daily newspaper. Prerequisite: ENGL/COMM 0275.

COMM 0349 ONLINE JOURNALISM (3) Allows students to integrate their writing and reporting skills with multimedia production to produce an online newspaper. Students will analyze online media, learn basic HTML, develop advertising and a financial plan, write and report stories, and create complementary visual and multimedia presentations. The final project will be to design an online news site and create content for it. Prerequisites: ENGL/COMM 0275.

COMM/ENGL 0375 JOURNALISM II (3) Students employ advanced techniques in beat and specialty reporting for print journalism. Reporters in the course run a "mock newspaper" working in various editorial aspects of the newspaper. Reporters complete a series of articles, including but not limited to conference and meeting reports, features, profiles, commentaries, and police and court news and editorials. Prerequisite: ENGL/COMM 0275.

COMM/ENGL 0394 NEWS EDITING (3) An introduction to the duties of the copy editor. Students will work to refine the skills and art necessary to news selection, editing, headline writing, design and layout. Prerequisite: ENGL/COMM 0275.

COMM/ENGL 0395 SPORTS WRITING (3) Concentrates on techniques of descriptive and interpretive newspaper and magazine sports writing, with an emphasis on collegiate sports. Techniques for interviewing coaches and players, developing angles, and meeting deadlines are emphasized. Students will cover sporting events, file reports for the class, and compile a portfolio. Prerequisite: ENGL/COMM 0275.

COMM 0399 INDEPENDENT STUDY (1-3) Independent study of topics in communication. Prerequisite: Permission of instructor **and** department chair.

Computer and Information Science

he **Computer and Information Science** Department (DCIS) supports two istinctly different majors – **Computer Science** and **Computer Information ystems.**

he **Computer Science** (COMS) major has as its focus core CS areas of soft-are design, data representation, data management, and transmission of data a files and networks. Application areas engaging CS majors are web devel-pment, computer hardware organization, networking, security, graphics, mulation and artificial intelligence. Generally, graduates of this program of udy are recruited as systems programmers/administrators (with responsi-lities in the areas of compiler, operating system or utility program design), etwork, database or security administrators, web programmers, scientific or pplication software engineers, designers, or analysts. For a detailed listing of e computer science program goals and outcomes, please see page 78 of this *ulletin.*

he **Computer Information Systems** (CIS) major has as its focus the pro-ssing of data for business or government use. File processing and database anagement are central to this activity, which typically includes replication of rical function, generation of management reports, and provision of deci-n support information. Graduates of this program typically are recruited business application programmers, web designers, database developers or dministrators, technical writers, network administrators or support staff, or end-user computing support personnel.

th the **Computer Science** and **Computer Information Systems** programs study are based on the curricular recommendations of the Computing creditation Commission of the Accreditation Board for Engineering and chnology (ABET). Both programs of study have undergone curricular revi-n recently, and are kept up-to-date through not only their required courses, t also the choice of electives contained within each. The **Computer Science** ogram is accredited by the Computing Accreditation Commission of ABET.

addition, a minor in **Computer and Information Science** is available to dents who are not majoring in **Computer Science** or **Computer Informa-n Systems.** The dramatically increasing pervasiveness of computers in so-ty makes this an attractive adjunct for students in numerous disciplines. It quires that a student complete 18 credit hours of CAIS-labeled coursework at is planned and approved in conjunction with a Computer and Informa-n Science faculty advisor.

EQUIREMENTS FOR THE COMPUTER SCIENCE MAJOR

he COMS program of study requires 80 credits in the major, to include 48 edits of direct CAIS study, and 32 credits in the supporting areas of math-natics, physical science, and technical writing (of which, 16 credits simulta-ously fulfill four core course requirements). The requirements are as follow:

irect CAIS Study (48 credits)

CAIS 0102 Computer Science Principles	(3)
CAIS 0120 Computer Science/Program Design I	(4)
CAIS 0220 Computer Science/Program Design II	(4)
CAIS 0230 Data Structures/Algorithm Analysis	(4)
CAIS 0236 Computer Organization and Architecture	(4)
CAIS 0240 Software Engineering	(3)
CAIS 0265 Intro to Digital Electronics and Microprocessors	(4)
CAIS 0302 Computer Science Seminar	(1)
CAIS 0305 Elements of Systems Programming	(3)
CAIS 0310 Database Management	(3)
CAIS 0339 Operating Systems	(3)
CAIS 0351 Intro to the Theory of Computation	(3)
CAIS 0363 Computer Science Senior Project	(3)
One of the following (CAIS A Elective):	(3)
CAIS 0301 Compiler Design	(3)
CAIS 0307 Organization of Prog. Lang.	(3)
CAIS 0337 Networking and Client/Server Comp.	(3)
CAIS 0341 Computer Graphics	(3)
CAIS 0347 Introduction to Networking	(3)
CAIS 0350 Artificial Intelligence	(3)
One of the following (CAIS B Elective):	(3)
CAIS 0290 Intro to Computer Security (3) or Any 3 credit or more 0300-level CAIS-labeled course, excluding CAIS 353, 0396, and 0397, that otherwise is not required of the major.	

Non-CAIS Background and/or Core Courses (32 credits)

MATH 0105 Calculus I	(4)
MATH 0106 Calculus II	(4)
MATH 0218 Linear Algebra	(3)
MATH 0220 Discrete Structures	(3)
MATH 0340 Mathematical Statistics I	(3)
PHSC 0125 Physics I	(4)
PHSC 0127 Physics II	(4)
Lab Science Elective from the following:	(4)
BIOL 0128 Intro to Organismal, Ecological, and Evolutionary Biology (4) or	
BIOL 0129 Intro to Molecular, Cellular, and Developmental Biology (4)	
CHEM 0109 General Chemistry I (4)	
CHEM 0111 General Chemistry II (4)	
ENGL 0392 Business and Technical Writing	(3)

REQUIREMENTS FOR THE COMPUTER INFORMATION SYSTEMS MAJOR

The CIS program of study requires 66-70 credits in the major, to include 36-40 credits of direct CAIS study, 21 credits in business background courses, and 9 credits in supporting liberal arts course work (of which 9-10 credits simultaneously fulfill 3 core course requirements). The requirements are as follow:

Direct CAIS Study: (36-40 credits)

CAIS 0125 Intro to Computer Information Systems	(3)
One of the following Algorithmic Language Electives:	(3 or 4)
CAIS 0117 Intro to Comp. Programming, BASIC	(3)
CAIS 0120* Comp. Sci./Prog. Design I	(4)
CAIS 0205 Introduction to COBOL	(3)
CAIS 0210 Database Application Develop. Techniques	(3)
CAIS 0308 Advanced COBOL/File Processing	(3)
CAIS 0310 Database Management	(3)
CAIS 0346 Systems Analysis and Design	(3)
CAIS 0353 Applied Development Project	(3)
One of the following CAIS courses (Tier 2 electives):	(3 or 4)
CAIS 0120* Computer Science/Program Design I	(4)
CAIS 0211 RPG Programming	(3)
CAIS 0212 Visual Programming Concepts	(3)
CAIS 0216 Web-based Application Development	(3)

CAIS 0220 Computer Science/Program Design II (4)
CAIS 0236 Computer Organization and Architecture (4)
(*CAIS 120 may satisfy either the Algorithmic Language or the Tier 2 requirement, but not both.)

Two of the following CAIS courses (Tier 3 electives): (6 or 7)
- CAIS 0230 Data Structures/Algorithm Analysis (4)
- CAIS 0290 Introduction to Computer Security (3)
- CAIS 0305 Elements of Systems Programming (3)
- CAIS 0307 Organization of Prog. Languages (3)
- CAIS 0312 End-User Computing: An Overview (3)
- CAIS 0315 Multimedia Presentation Technology (3)
- CAIS 0316 Web Programming (3)
- CAIS 0337 Networking and Client/Server Comp. (3)
- CAIS 0341 Computer Graphics (3)
- CAIS 0347 Introduction to Networking (3)
- CAIS 0350 Artificial Intelligence (3)

One additional Tier 2 or Tier 3 elective from the lists above (3-4)

Business Background Study: (21 credits)
- ACCT 0104 Principles of Accounting I (3)
- ACCT 0105 Principles of Accounting II (3)
- MGMT 0221 Business Management (3)
- MGMT 0250 Quantitative Approaches to Business Decisions (3)
- MGMT 0308 Organizational Development & Behavior (3)

Two of the following three courses: (6)
- FINC 0207 Financial Management (3)
- MGMT 0220 Production/Operations Mgmt (3)
- MRKT 0231 Marketing Management (3)

Designated CORE and/or Liberal Arts courses: (9 credits)
- ECON 0101 Principles of Macroeconomics (3)
- MATH 0108Elementary Statistics (3)
- ENGL 0392 Business and Technical Writing (3)

END-USER COMPUTING CONCENTRATION

An End-User Computing Concentration will be satisfied if the student includes both CAIS 0312 and CAIS 0337, as well as one of CAIS 0212 and CAIS 0224 among the courses selected to complete the Computer Information Systems major.

COMPUTER AND INFORMATION SCIENCE MINOR

The minor in Computer and Information Science is available to students who are not majoring in Computer Science or Computer Information Systems. The dramatically increasing pervasiveness of computers in society makes this an attractive adjunct for students in numerous disciplines. It requires that a student complete a minimum of 18 credit hours of CAIS-labeled course work. The minor is unstructured in that any CAIS-labeled course may be applicable to the program of study; however, a student wishing to receive a Computer and Information Science minor must formally declare such intent no later than the completion of 12 credit hours of CAIS-labeled course work that will be applied toward the minor program of study so that a DCIS advisor may be assigned to the student and the remainder of the program may be planned and approved in conjunction with the advisor.

The minor has three "tracks", two with designated courses, and one that allows for an individualized program of study. They are as follow:

Track 1 – Scientific/Technical (20-21 credits)

- CAIS 0102 Computer Science Principles (3)
- CAIS 0120 Computer Science/Program Design I (4)
- CAIS 0220 Computer Science/Program Design II (4)
- One of the following: (3-4)
  - CAIS 0230 Data Structure/Algorithm Analysis (4)
  - CAIS 0240 Software Engineering (3)
  - CAIS 0265 Intro. to Digital Electronics and Microprocessors (4)
- CAIS 0310 Database Management (3)
- CAIS 03xx - CAIS 0300-level Elective (3)

Track 2 – Business (19-21 credits)

- One of the following:
  - CAIS 0117 Intro. to Comp. Program:. BASIC (3-4)
  - CAIS 0120 Computer Science/Prog. Design I (4)
  - CAIS 0205 Intro. to COBOL (3)
- CAIS 0125 Intro. to Computer Information Systems (3)
- CAIS 0210 Database Application Develop. Techniques (3)
- CAIS 0302 Computer Science Seminar (1)
- CAIS 0310 Database Management (3)
- CAIS 0346 Systems Analysis and Design (3)
- CAIS 02xx/03xx - CAIS 0200/0300-level Elective (3-4)

Track 3 – Individualized (18 credits)

This track requires that a student complete a minimum of 18 credits of CAIS-labeled coursework, with at least six credits being at the 300-level. The track is individualized in that courses constituting the program of study are determined by the student and DCIS advisor. Any CAIS-labeled coursework may be applicable to the program of study – however, the program must have been planned with and approved by a DCIS advisor prior to entry into the fourth course that is to be applied to the program.

Coursework from other colleges may be transferred into the minor program; however, a minimum of 12 credits of coursework that will be applied to the program must be satisfied by coursework taken at Westfield State University.

TRANSFER STUDENT POLICY

Any transfer student shall be required to take at least 18 credit hours of Westfield State University CAIS-labeled coursework, as well as meet any other programmatic requirements that may be in effect at the time and/or applicable to the student, in order to receive a Westfield State University degree in Computer Science or Computer Information Systems. Also, for the Computer Information Systems major, a minimum of two courses (6-8 credits) of the 4 course (12-15 credit) requirement of Tier 2 and/or Tier 3 elective coursework required must be satisfied by coursework taken from the Computer and Information Science Department at Westfield State University.

Courses

AIS 0101 COMPUTERS IN SOCIETY (3) An introduction to the nature d function of computers, with emphasis on the social, intellectual, legal and hical issues involved with their use in contemporary society. Includes a sur- y of computing technology to the extent necessary to enable the student to entify, understand and evaluate computer-related issues such as privacy and tabases, data matching, automation and dehumanization, worker displace- ent and computer security, fraud and evolving moral and legal concerns as- ciated with modern technological society.

AIS 0102 COMPUTER SCIENCE PRINCIPLES (3) Provides an overview the fundamental principles of computer science. Topics covered include ta representation, storage and manipulation techniques; an introduction to mputer architectures and operations; an investigation of useful data struc- res; and a review of file organization and database models. The development d analysis of elementary algorithms, employing modular design program- ing language techniques, are used to demonstrate a number of the course ncepts. Prerequisite: High school math through Algebra II or MATH 0104.

AIS 0117 INTRODUCTION TO COMPUTER PROGRAMMING (BA- C) (3) An introduction to basic concepts of procedural computer program- ng. Topics covered include the syntax and semantics of the BASIC pro- amming language, structured programming techniques, and fundamental ta structures. Problem-solving tools and techniques, along with common, mentary algorithms are introduced, and applied to the solution of a variety problem types.

AIS 0120 COMPUTER SCIENCE/PROGRAM DESIGN I (4) heoretical introduction to computer science and program design for com- ter science and computer information systems majors. A current high-level ogramming language is utilized. Topics include software design techniques, ject-oriented programming, procedural abstraction, event-driven program- ng, and graphical user interfaces. Extensive program development is re- ired of students. No previous programming experience is necessary. Prereq- site: High School Math through Algebra II, MATH 0104.

AIS 0124 THE PERSONAL COMPUTER (3) An introduction to micro- mputers from the user's viewpoint. A survey of typical microcomputer hard- re, to include capabilities, configurations and costs, familiarity with typical erating systems, and an overview of typical personal productivity software ckages, including, but not limited to, word processing, spreadsheet and ta base systems. Students will have an opportunity to apply the microcom- ter to projects in their own disciplines.

AIS 0125 INTRODUCTION TO COMPUTER INFORMATION SYS- EMS (3) This course provides an introduction to computer systems and data ocessing concepts, with special emphasis on the applications of computers business organizations. Included are an overview of information systems ncepts, a survey of computer hardware, software, and programming lan- ages; an introduction to computer system configurations to include oper- ng systems and data communications; an introduction to systems analysis d design, and a comparison of computer based data processing, manage- ent information, and decision support systems. A substantial portion of the urse will be a microcomputer-based, hands-on component that will have as focus spreadsheet applications.

AIS 0132 PROGRAMMING IN C++ (3) An intensive course in the C++ pro- amming language intended for those with prior high-level programming lan- age experience. Topics include syntax and semantics of basic declarations, pes, statements, and control structures; user-defined classes and types, inher- nce, virtual functions; pointers and arrays; stream I/O, exception handling, d templates. Students will write several nontrivial application programs uti- lizing the extensive features of C++. Prerequisite: Knowledge of a high-level programming language.

CAIS 0200 PROGRAMMING LANGUAGE MODULE (1) Several one-cred- it courses have been developed to expose the student to selected languages. Offerings are based on current interest. Several programming assignments are associated with each module. Prerequisite: Knowledge of a high-level pro- gramming language.

CAIS 0205 INTRODUCTION TO COBOL (3) Provides an introduction to the COBOL programming language and structured programming principles. Generally accepted conventions for data manipulation, arithmetic operations, report generation, single-dimension table processing, data validation, and el- ementary file processing are covered.Extensive programming experience in a current COBOL environment, utilizing common business data processing applications, is provided. Prerequisite: CAIS 0125.

CAIS 0210 DATABASE APPLICATION DEVELOPMENT TECHNIQUES (3) A course to study database application development. Students will learn how to create and manipulate a relational database application from a given theoretical foundation. Experience is gained in the efficient and effective con- struction of relational database tables, queries, forms, reports, and procedural modules, which extend the basic features of a database supplied by a DBMS. Programming, including event-driven, visual, and SQL (Structured Query Lan- guage) programming will be covered. A student is expected to enter the class with proficiency in a high-level programming language and familiarity with a GUI environment, as several programming assignments will be required. Pre- requisites: Knowledge of a high-level programming language and one of CAIS 0124, CAIS 0125, or MGMT 0107.

CAIS 0212 VISUAL PROGRAMMING CONCEPTS (3) An introduction to object-oriented programming conventions and techniques within a win- dowed environment. Object-oriented programming applications utilizing graphical user interfaces will be developed via a state-of-the-art integrated de- velopment environment. Use and definition of controls, dialog boxes, menus, graphics, databases, events, pre-defined objects, and user-defined objects, are some of the topics covered. Extensive programming is required in this course. Prerequisite: Knowledge of a high-level programming language and familiarity with a windowed environment.

CAIS 0216 WEB-BASED APPLICATION DEVELOPMENT (3) An introduc- tion to World Wide Web-based applications. Through lectures, discussion, and hands-on activities, the processes involved in Web site development will be examined. An operational Web site will be designed, implemented, tested and maintained by the students. Current Web development aids including mark-up languages, scripting languages, and page generators will be utilized to build a Web site which makes effective use of sound, graphics, and video. Prerequisite: Knowledge of a high-level programming language.

CAIS 0220 COMPUTER SCIENCE/PROGRAM DESIGN II (4) An ad- vanced course in computer science and program design for computer science and computer information system majors. A current high-level object-oriented programming language, including concentrated use of its API (Application Programming Interface), is explored. Topics include in depth object-orient- ed software design techniques, highly developed graphical user interfaces, advanced I/O, recursion, concurrent programming, error processing, and networking. Extensive programming, utilizing a sophisticated integrated de- velopment environment, is required of students. Prerequisite: CAIS 0120 or equivalent experience with instructor approval.

CAIS 0230 DATA STRUCTURES/ALGORITHM ANALYSIS (4) A study of fundamental algorithms which act on data structures, along with analysis of such techniques. This course requires extensive programming by the student, and provides the student with a sound theoretical background for applications to database management, operating systems, and compiler construction. Topics covered include stacks, queues, linked lists, tree structures, sorting and searching techniques. Prerequisites: CAIS 0102 and CAIS 0220.

CAIS 0236 COMPUTER ORGANIZATION AND ARCHITECTURE (4) An in-depth study of the structure and operation of the digital computer. The hardware of the machine is examined along with assembly language instructions, which allow the programmer to access the hardware. Topics include review of digital logic and circuits; machine and assembly language instructions, RISC and CISC architectures; simple assembly language programming; arithmetic-logic unit, control unit, memory unit, I/O control; CPU design elements including registers, microcoding, the fetch/decode/execute cycle, and design of a control and interrupts; arithmetic algorithms for fixed and floating-point numbers; cache, virtual, and external memory; and I/O control and interrupts. Possible additional topics include multiprocessing and pipelining. Prerequisites: CAIS 0120 and CAIS 0265.

CAIS 0240 SOFTWARE ENGINEERING (3) An introduction to the essential activities associated with the development of quality software products. The software life cycle utilized in individual and team-oriented computer science software engineering design products will be investigated. Concepts covered include requirements analysis, specification techniques, design methodologies, implementation, and testing/verification techniques. A modern object-oriented programming language and its associated design and debugging tool will be employed in assignments illustrating quality software engineering. Prerequisite: CAIS 0230.

CAIS 0265 INTRODUCTION TO DIGITAL ELECTRONICS AND MICROPROCESSORS (4) Provides a survey of digital electronics and microprocessors. Initial topics to be covered include logic gates, Boolean Algebra, simplification, logic circuits, flip-flops, shift registers, counters and memory systems, which will be followed by an examination of architectures, instruction sets and applications on microprocessors and microcomputers. Emphasis will be on computer hardware at the chip level. Software content will include the use of an assembly language to control a microprocessor that interfaces to other electronic components. Laboratory sessions will allow students to build and design simple circuits to reinforce lecture concepts.(Formally PHSC 0265). Prerequisite: Knowledge of a high-level programming language and PHSC 0127.

CAIS 0280 SPECIAL TOPICS IN COMPUTER AND INFORMATION SCIENCE (1-3) A study of a topic of special interest to Computer Science or Computer Information Systems majors that is not covered in a course currently in the Bulletin. Topics generally involve new, current or evolving issues, and offerings depend on student and instructor interest. May be repeated for credit if topic differs. Prerequisite: Permission of instructor.

CAIS 0290 INTRODUCTION TO COMPUTER SECURITY (3) Risk analysis, survey of threats (physical, network, software, and others), preventative measures, encryption, detection, and recovery from penetration of computer security. Prerequisite: CAIS 0125, ACCT 0104 or knowledge of a high-level programming language.

CAIS 0301 COMPILER DESIGN (3) An introduction to the principles and techniques of compiler writing. Among the topics discussed are lexical and syntactic analysis, basic techniques of parsing (top-down and bottom-up), syntax-directed translation, run-time environments, intermediate code generation, code optimization and object code generation. Compiler writing tools such as LEX and YACC or SCANGEN and LLGEN are utilized. Prerequisites: CAIS 0230 and CAIS 0305.

CAIS 0302 COMPUTER SCIENCE SEMINAR (1) Focuses on current topics in computer science and allied fields. By means of individual presentations, group, or panel discussions, a variety of aspects and issues of this discipline will be explored. The topic of ethics in computer science is required; other topics will be chosen at the discretion of the instructor. This course can be repeated for credit (up to a maximum of four credits). Prerequisites: Junior/senior standing and permission of instructor for non-COMS/CIS majors.

CAIS 0305 ELEMENTS OF SYSTEMS PROGRAMMING (3) An introduction to a modern operating system used for systems programming (such as UNIX) and its utilities. Topics representative of those which might be chosen by the instructor as application endeavors include design of a small compiler/interpreter using compiler generating tools, network utilities using TCP/IP or other appropriate protocols, graphics utilities using systems such as X Windows, or device drivers. Prerequisite: CAIS 120 or equivalent.

CAIS 0307 ORGANIZATION OF PROGRAMMING LANGUAGES (3) A study of computer programming languages from the following points of view:specification, programming paradigms, implementation, and actual performance. Some laboratory exercises for the various languages will be given as resources permit. The languages will be chosen by the instructor. Prerequisite: CAIS 0230.

CAIS 0308 ADVANCED COBOL/FILE PROCESSING (3) A successor to CAIS 0205 - INTRODUCTION TO COBOL, this course is designed to provide the student with a proficiency in advanced file processing and data structure techniques through COBOL implementation. A major portion of the course is devoted to the theory and practice of file processing as it relates to sequential, relative and indexed file structures and manipulations. Multi-level table processing, sorting, and sub-programming are also considered. Using a current COBOL environment, students are required to design and implement programming projects of considerable complexity. Prerequisite: CAIS 0205.

CAIS 0310 DATABASE MANAGEMENT (3) An introductory course in database, to include fundamental concepts, design and underlying theory. Data structures supportive of the database environment, along with rationale, objectives, and design and data modeling concepts will be considered. The relational model will be emphasized, to include relational operations, normalization and anomalies, and data definition, manipulation and query techniques. Technical aspects of database administration, such as security, recovery and concurrency will also be considered. Prerequisite: CAIS 0210 or CAIS 0230.

CAIS 0312 END-USER COMPUTING: AN OVERVIEW (3) An overview of end-user computing, to include the history and evolution of end-user computing, the identification of various end-user types, and an examination of end-user computing applications, risks and support activities. The organizational context of end-user computing, and particularly the concept and role of the information center, will be considered in the development of strategic planning for end-user computing. Prerequisite: CAIS 0346 or permission of instructor.

CAIS 0315 MULTIMEDIA PRESENTATION TECHNOLOGY (3) A hands-on introduction to developing interactive presentations. Students will use authoring software to design and implement electronic presentations which incorporate music, voice, text, graphics, and video. The course provides an overview of available multimedia technology and demonstrates how that technology can be used to enhance presentations of services and resources associated with libraries, businesses and educational institutions. Prerequisite: Knowledge of a high-level programming language, or permission of instructor.

CAIS 0316 WEB PROGRAMMING (3) An introduction to server-side and client-side Web Programming. One or more popular Web scripting languages will be used to write programs intended to run under a Web browser. Applications of client-side programming and the security issues involved will be explored. The use of one or more languages intended to run on a web server will be illustrated with applications such as remote database access, forms-based systems for e-business and information gathering, and personalized Web pages. Students will be expected to write significant Web applications using both client-side and server-side programming techniques. Prerequisites: CAIS 0216 and either CAIS 0120 or CAIS 0212.

CAIS 0337 NETWORKING AND CLIENT/SERVER COMPUTING (3) An introduction to networking and client/server computing through the utilization of a local area network. Topics will include basic network physical design, standard network architectural models, commonly used data transmission protocols, and network system administration. Principles of client/server computing will be introduced and applied through the development and implementation of a client/server application. Co-requisite: CAIS 0310 or CAIS 0230.

CAIS 0339 OPERATING SYSTEMS (3) Provides the student with an understanding of modern operating systems and the context within which the operating system functions. Topics to be examined include process management processes and threads, process concepts, asynchronous concurrent processes and concurrent programming; processor management (traffic controller and allocation strategies); storage management (relocation, segmentation, paging, real and virtual storage, and allocation strategies); auxiliary storage management (device characteristics and management techniques) and file management (operations, protection, and allocation). Tradeoffs and decisions involved in operating system design are considered. Prerequisites: CAIS 0230, CAIS 0236, and CAIS 0305.

CAIS 0341 COMPUTER GRAPHICS (3) Topics in computer graphics software and hardware such as microcomputer graphics, graphics software standards, windowing, graphical I/O devices, and low-level graphics algorithms. As time permits, high-level graphics such as CAD systems, scientific visualization systems, solid modeling, color, shading, and computer vision may be discussed. Prerequisite: CAIS 0120.

CAIS 0346 SYSTEMS ANALYSIS AND DESIGN (3) Tools and techniques supportive of the stages of typical Systems Development Life Cycles, including investigation, requirements, determination, process and data modeling, and application and interface design. Emphasis will be on the development of deliverables through the detailed design stage. Development and implementation issues, documentation, project management, and alternative methodologies will also be considered. Prerequisite: Knowledge of a high-level programming language.

CAIS 0347 INTRODUCTION TO NETWORKING (3) Communications hardware, including network connectors, routers, and wireless communications are discussed. LANs/WANs and network topologies are discussed. Hardware-based network protocols (such as Ethernet) and high-level protocols, such as the TCP/IP suite are surveyed. Prerequisites: MATH 0104 and knowledge of a high-level programming language.

CAIS 0348 COMPUTER SIMULATION (3)An introduction to solving real-world problems using computer simulation. Models will be developed using appropriate mathematical and software engineering tools, implemented in a modern object-oriented language, and the results analyzed and validates. The emphasis is on critical thinking, abstraction of real situations, building of appropriate models and software, and the interpretation of results. Prerequisite: MATH 0108 or MATH 0340 or equivalent statistics coursework and CAIS 0220 or CAIS 0212 or knowledge of an object-oriented programming language. (Formerly CAIS 0270)

CAIS 0350 ARTIFICIAL INTELLIGENCE (3) A survey of artificial intelligence, including AI languages, applications of data structures, interaction with the external environment, and expert systems. Prerequisite: CAIS 0230.

CAIS 0351 INTRODUCTION TO THE THEORY OF COMPUTATION (3) Presentation of topics of current theoretical interest in computer science chosen from among grammars, finite automata, Turing machines, cellular automata and other models of computers; computability theory; and computational complexity. Prerequisites: CAIS 0120 and MATH 0220.

CAIS 0353 APPLIED DEVELOPMENT PROJECT (3) A capstone project experience for Computer Information Systems majors involving the selection, investigation, analysis, design, development, implementation, and documentation of a computer-based information system. Students are required to apply concepts, principles, problem-solving strategies, and tools and techniques learned in previous computer and business coursework in developing a fully-functioning information system. Oral and written presentations at various stages of the project's development will be required. Prerequisites: CAIS 0346 and senior standing in Computer Information Systems.

CAIS 0363 COMPUTER SCIENCE SENIOR PROJECT (3) A capstone project experience for computer science majors utilizing theoretical principles, problem solving strategies, tools, and techniques from previous computer-related study. The student will be required to propose, develop, and implement a computer-based solution of significant complexity for a project, or research activity, approved by the instructor. Potential endeavors may include, but are not limited to, production of a compiler, the design and development of a database system application, the formulation of image processing techniques, or creation of a client/server application. Oral and written presentations at various stages of the project's development will be required. Prerequisites: CAIS 0230 and senior class standing in Computer Science.

CAIS 0380 SPECIAL TOPICS IN COMPUTER AND INFORMATION SCIENCE (3) A study of an advanced topic of special interest to COMS or CIS majors that is not covered in a course currently in the Bulletin. Topics generally involve new, current or evolving issues, and offerings depend on student and instructor interests. May be repeated for credit if topic differs. Prerequisite: Permission of the instructor.

CAIS 0396 COMPUTER SCIENCE INTERNSHIP A (3) An on-campus internship experience for computer science and computer information systems majors. This experience will involve 8-10 hours per week. Prerequisite: Permission of instructor.

CAIS 0397 COMPUTER SCIENCE INTERNSHIP B (3) An internship experience which may be on or off campus depending on availability. Students might participate in a major system design project on-campus or might be interning at a business location in the Greater Springfield Area. Prerequisite: Permission of instructor.

Note: "Knowledge of a high-level programming language" may be satisfied by CAIS 0117, CAIS 0120, CAIS 0131, CAIS 0132, CAIS 0205, CAIS 0212, or comparable previous programming experience.

Computer Science Program Goals and Outcomes

Goal #1: students will secure an understanding of computer science foundational principles.

OUTCOMES

1A. Students demonstrate the basics of logic, circuit design, and the elements of computer architecture

1B. Students apply the following mathematical principles: Boolean algebra, mathematical models of automata, discrete mathematical structures, and recurrence

1C. Students write programs that use searching, sorting, counting, including the concepts of step-wise refinement, appropriate control constructs, modern design techniques, object-oriented principles and standard data structures

1D. Students demonstrate an understanding of concurrency

1E. Students demonstrate how to integrate what they have learned into larger-scale projects

1F. Students demonstrate an understanding of basic data storage representations

1G. Students describe ways in which an operating system functions, particularly with respect to its task of man/machine interface

1H. Students demonstrate their understanding of the ethical conflicts which face a computer scientist

1I. Students demonstrate an ability to debug programs

Goal #2:Students will have experience working in at least 4 areas of modern computer science.

OUTCOMES

2A. Students demonstrate the ability to analyze, design, implement, verify, and maintain software systems, using quality assurance techniques of software engineering

2B. Students demonstrate tools and techniques of systems programming to produce code that is reliable, portable, and secure

2C. Students design database management systems using conceptual models and schemas of data

2D. Students demonstrate the basics of at least one of the following: graphics, compilers, programming languages, artificial intelligence, or networking

Goal #3:students will be prepared for a career as a computing professional or for graduate study.

OUTCOMES

3A. Graduates confirm that they are prepared for professional positions

3B. Employers confirm that our graduates are prepared for positions they hold

Criminal Justice

he goal of the Criminal Justice program is to develop among present d future employees of the criminal justice system and students of the beral arts an increased awareness of the roles of law enforcement, urts, and corrections, and a better understanding of the social, politi- l and economic forces which influence that system.

he course of study consists of an extensive overview of the criminal stice system and an intensive examination of each of the major com- onents of the system. The program is designed to serve both those udents who may elect to enter the criminal justice profession immedi- ely upon graduation and those students who desire to pursue gradu- e work. Criminal Justice majors are able to apply for an internship d work in a criminal justice related agency or organization during eir senior year.

EQUIREMENTS FOR CRIMINAL JUSTICE MAJORS

he Criminal Justice major consists of 39 credits. All students must mplete at least 21 credits of Criminal Justice coursework at Westfield ate University. There are six required courses in the major (Major re) that comprise 18 of the 39 required credits. All criminal justice ajors must complete the Major Core courses with a minimum grade int average (GPA) of 2.5, and no grade in any of the Major Core urses may be below a C-. Students may repeat any of these courses order to meet this requirement, in accordance with the University's urse Repeat Policy.

AJOR CORE:

RJU 0101 Introduction to Criminal Justice	(3)
RJU 0121 Theories of Crime	(3)
RJU 0201 Law Enforcement and Society	(3)
RJU 0202 Introduction to Corrections	(3)
RJU 0205 American Judicial System	(3)
RJU 0231 Research Methods in Criminal Justice	(3)

udents choose upper-level electives in the major to complete the re- ining 21 credits. A student, who has not maintained the requisite 5 GPA for the six Major Core courses or had a grade below a C- in y one of the Major Core courses, will be required to correct this ficiency in order to enroll in upper level major electives.

RANSFER STUDENTS

udents transferring from another college must have at least a 2.5 cu- ulative GPA. A grade of less than C-in any criminal justice course is t transferable into the Criminal Justice major. **If after transferring, student needs to complete any or all of the Major Core classes, the dent must do so with no grade in any of the Major Core courses low a C-. The transfer student must also complete the Major Core urses with a minimum cumulative grade point average (GPA) of 2.5, cluding WSU and transfer coursework.** Regardless of the number of iminal Justice courses taken at other colleges, a transferring student ust complete a minimum of 21 Criminal Justice credit-hours at West- ld State University and complete the Major Core courses in compli- ce with the above requirements for GPA and with no grade of less n a C- in the Major Core courses.

HANGE OF MAJOR

y students seeking to change their major to Criminal Justice must ve completed at least 15 credits at WSU with a 2.50 or better cu- ulative GPA. The major core GPA requirements are also applicable e above).

REQUIREMENTS FOR CRIMINAL JUSTICE MINOR

A Criminal Justice minor may be particularly attractive to students who seek to augment their major field of study with a basic knowledge of criminology/criminal justice. The minor requires that a student take a minimum of 18 credits hours of CRJU-labeled coursework, including CRJU 0101, Introduction to Criminal Justice. CRJU 0101 is a prerequisite for all 200-level and above criminal justice courses, and is one of only two 100-level courses offered by the department. Students desiring to minor in Criminal Justice shall be required to declare their minor intention, and therefore be assigned to and meet with an advisor, prior to the taking of a third CRJU course that shall be applied to the minor program of studies.

Courses

CRJU 0101 INTRODUCTION TO CRIMINAL JUSTICE (3) A survey of the American Criminal Justice System as a socio-political institution. The police, criminal courts, and correctional and rehabilitative endeavors will be analyzed within the framework of empirical research from the perspectives of the social sciences. Required of all first-year students in the Criminal Justice major.

CRJU 0121 THEORIES OF CRIME (3) An exploration of prominent theories of crime causation, ranging from biological, psychological, sociological, and cultural explanations. Theories are compared and contrasted and implications are discussed as foundations for criminal justice system policy.

CRJU 0201 LAW ENFORCEMENT AND SOCIETY (3) The structure and function of law enforcement agencies in contemporary society will be analyzed in their sociological context. Particular emphasis will be placed on the role of the police within the framework of the Criminal Justice System. Prerequisite: CRJU 0101.

CRJU 0202 INTRODUCTION TO CORRECTIONS (3) An in-depth examination of the American Correctional System. Traditional punitive measures will be analyzed in relation to current reintegration alternatives. Prerequisite: CRJU 0101.

CRJU 0205 AMERICAN JUDICIAL SYSTEM (3) An examination of the development of law and the American legal system. The problems related to the meaning and uses of law; the organizational hierarchy of the courts; and the role of the courts in the criminal justice system. Prerequisite:CRJU 0101.

CRJU 0231 RESEARCH METHODS IN CRIMINAL JUSTICE (3) An introduction to scientific methodology as related to criminal justice. The course will focus on the development of hypotheses, data collection, data analysis and hypothesis verification. Attention is also given to basic statistical techniques appropriate for criminal justice research. Prerequisite: CRJU 0101.

CRJU 0301 JUVENILE PROCEDURE (3) An examination of the underlying philosophy of juvenile justice and procedures used to process a juvenile alleged to be delinquent through the juvenile justice system. The course will focus on the differences between juvenile procedure and adult criminal procedure by examining recent court decisions and statutory law pertaining to juveniles. Prerequisite: CRJU 0101, CRJU 0205, and Junior standing.

CRJU 0302 CRIMINAL LAW (3) The function of criminal law and its relationship to various criminal offenses, including crimes against persons and crimes against property. Prerequisite: Junior standing. Prerequisite: CRJU 0101, CRJU 0205, and Junior standing.

CRJU 0303 PATTERNS OF CRIMINALITY (3) The U.S. Department of Justice Index Crimes will be studied along with other crimes, which will be selected on the basis of their contemporary administrative significance and their effect on the criminal justice system in particular. Prerequisite: CRJU 0101 and Junior standing.

CRJU 0304 PREVENTION AND CONTROL (3) An in-depth examination of the criminal justice system and the efforts it has exerted in an attempt to prevent and control criminal behavior. Course will focus on the traditional methods including probation and parole as well as recent trends in crime control and prevention: the utilization of community based treatment programs and attempts by many criminal justice agencies to avoid the processing of individuals through the system. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0305 PRINCIPLES OF EVIDENCE AND PROOF (3) The study of the different types of evidence, relevance, the hearsay rule and its exceptions, impeachment and cross-examination and privileged communications. Prerequisite: CRJU 0101, CRJU 0205, and Junior standing.

CRJU 0306 CONTEMPORARY PROBLEMS IN CORRECTIONS (3) An intensive analysis of selected problems in institutional and community corrections. Prerequisite: CRJU 0101, CRJU 0202, and Junior standing.

CRJU 0307 CONTEMPORARY PROBLEMS IN LAW ENFORCEMENT (3) An intensive analysis of selected problems in American law enforcement and police-community relations. A major research paper is required. Prerequisite:CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0308 RIGHTS OF THE CONVICTED (3) An examination of the legal rights of the individual who has been convicted of a crime. This lecture course will focus specifically on both federal and state laws and court decisions dealing with the legal rights of probationers, confined prisoners, and parolees in the American criminal justice system. Prerequisite: CRJU 0101, CRJU 0205, and Junior standing.

CRJU 0309 PRINCIPLES OF CRIMINAL INVESTIGATION (3) The science of investigation of crimes, laboratory techniques, interpretation of data, and elements of specific crimes. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0310 ORGANIZED AND WHITE COLLAR CRIME (3) The methods through which organized crime influences and, in many instances, controls entire communities. Traditional types of crime heavily influenced by organized crime, such as loan sharking and gambling, will be analyzed in an effort to demonstrate the basis of power and wealth of organized crime in the United States. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0311 VICTIMOLOGY (3) Criminal-victim relationships, with emphasis on victim-precipitated crimes and compensation to the victims. Consideration is given to: concept and significance of victimology; time, space, sex, age, and occupational factors in criminal-victim relationships; victims of murder, rape, other violent crimes and property crimes; victim typology; the public as victim; restitution and compensation to victims. Prerequisite: CRJU 0101 and Junior standing.

CRJU 0312 WOMEN IN THE CRIMINAL JUSTICE SYSTEM (3) An examination of the female and her often unique involvement in the American criminal justice system, whether as an offender, as a victim, or as an employee in policing, the courts, or in corrections. Traditional as well as feminist theories will be critically evaluated, using both historical analysis and more recent studies. Throughout, the focus is on the detection and understanding of differences and similarities in gender attitudes and behaviors, as well as institutional factors effecting change. Prerequisite: CRJU 0101 and Junior standing.

CRJU 0313 QUANTITTATIVE METHODS IN CRIMINAL JUSTICE (3) Examines the relationship and application of statistical techniques to theory building and concept construction. Gives an overview of statistical methods and their appropriateness for research in criminal justice. In addition, various computer-oriented analytical tools and data processing systems available to the criminal justice practitioner will be surveyed. Prerequisite: CRJU 0231 or its equivalent and Junior standing.

CRJU 0314 SEMINAR ON OFFENDER REHABILITATION (3) The "nothing works" doctrine generated by the controversial Martinson Report has resulted in considerable confusion regarding the effectiveness of corrections programs designed to elicit specific behavioral changes on the part of the correctional client. This course will thoroughly examine the debate surrounding the "nothing works" doctrine and present those methods of rehabilitation that have proven effective in the treatment of offenders. Probation, parole and programs for the incarcerated offender will be the primary focus of this course. Prerequisite: CRJU 0101, CRJU 0202, and Junior standing.

CRJU 0315 STRESS AND THE CRIMINAL JUSTICE SYSTEM (3) An intensive examination of the interpersonal stresses indigenous to criminal justice practitioners. Stress management within criminal justice organizations will be considered in terms of the administrative and functional problems encountered. Special attention will be given to the criminal justice environment which deals with social service and control on a twenty-four hour basis. Prerequisite: CRJU 0101 and Junior standing.

CRJU 0316 CIVIL LIABILITIES OF CRIMINAL JUSTICE PROFESSIONALS (3) The civil liability for harm inflicted on another. Topics to be considered will include: intentional torts such as assault, battery, and false imprisonment; negligence; torts of strict liability; libel, slander and defamation; liability of owners and occupiers of land; and the liability of state and federal employees for harm caused in their respective professional capacities. Prerequisite: CRJU 0101, CRJU 0205, and Junior standing.

CRJU 0317 EVOLUTION OF AMERICAN LAW ENFORCEMENT (3) A critical analysis of the contemporary American law enforcement establishment in relation to the evolutionary forces that have contributed to its development. Excepting modern technology, the law enforcement function tends to run in predictable cycles. Traditional in origin, these cyclical phenomena may be observed in the patterns of older societies. Reflections of the past are deemed vital to a more objective and well-rounded perception of current issues. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

RJU 0319 ECONOMIC CRIME (3) The manner in which pro-ssionals in business are able to manipulate and control computer ystems and engage in various types of white collar crime will be ex-mined. Emphasis will be placed on consumer and computer fraud, mbezzlement, and particular attention will be focused on corporate rime and on the criminal justice system's attempts to identify, pre-ent, and control it. Prerequisite: CRJU 0101, CRJU 0201, **and** Junior anding.

RJU 0320 CRIMINAL PROCEDURE: FOURTH AMENDMENT IGHTS OF THE ACCUSED (3) A study of due process, the exclu-onary rule, and the legal problems associated with arrests, searches, nd seizures. Prerequisite: CRJU 0101, CRJU 0205, **and** Junior stand-ng.

RJU 0321 CRIMINAL PROCEDURE: FIFTH AND SIXTH MENDMENT (3) A study of the legal problems associated with in-rrogations, confessions, entrapment, lineups, and wiretapping and ectronic surveillance. Prerequisite: CRJU 0101, CRJU 0205, and Ju-ior standing.

RJU 0322 YOUTH GANGS (3) This course will offer an in-depth udy of youth gangs in the United States. Topics to be examined in-ude various theories of gang formation, group dynamics, and indi-dual factors associated with gang membership. Attention will also be ven to the different types of gangs that exist. Given these dynamics, e final portion of the course will focus on prevention and interven-on efforts aimed at reducing gang behavior. Prerequisite: CRJU 0101 nd Junior standing.

RJU0323 RELIGION AND CRIME IN CONTEMPORARY MERICA (3) This course will serve as an introduction to issues re-ted to religion and the criminal justice system. Topics will include e religious origins of the legal and correctional systems, religion and ntemporary law, religion in prison and corrections, hate crimes and rrorism. Prerequisite: CRJU 0101 **and** Junior standing.

RJU 0324 RESTORATIVE COMMUNITY JUSTICE (3) Restor-ve Community Justice is based on a new vision of criminal justice at stresses offender reintegration through offender accountability. ather than simply a legal violation, crime is viewed as a breach in the ationship between the offender and the victim, and also the offender d the community. To the greatest degree possible, resolution should st in the hands of those most directly involved, with the state mediat-g the conflict. This course will explore the philosophy of restorative stice, and current practices of victim-offender mediation, where the fender is required to directly confront the person(s) harmed, and the tim is given a real voice. It will examine how offenses can be re-lved in ways that are positive and constructive for victims, communi-s, and also for offenders. The student will develop an understanding the basic tenets of restorative justice, and also knowledge of how s concept is being applied in criminal justice practices in the U.S. d internationally. Prerequisite: CRJU 0101, CRJU 0202, **and** Junior nding.

RJU 0325 CAPITAL PUNISHMENT (3) This course focuses on capi-punishment law, particularly United States Supreme Court decisions dressing constitutional issues relevant to the death penalty. Students o will explore empirical, penological, political, and moral issues re-ed to the death penalty and its administration. Prerequisite:CRJU 01, CRJU 0202, and Junior standing.

CRJU 0326 PLANNED CHANGE IN CRIMINAL JUSTICE (3) This course is designed to acquaint students with general theories of planned change at the individual, organizational, and community levels. Special attention will be given to the need for employee involvement and collaboration in working toward organizational goals, with reference to concepts such as reinventing government and total quality management. The emphasis will be on applied theory. Students will be expected to develop their own ideas for change in the fields of policing, courts, or corrections. They would then be required to consider the resistances that would likely arise as their changes are introduced, and how they should best be dealt with, considering planned change theories from the course. Prerequisite: CRJU 0101 **and** Junior standing.

CRJU 0327 RACE, ETHNICITY, AND CRIMINAL JUSTICE (3) An examination of the issues of race and ethnicity which continue to affect all aspects of criminal justice in America. Whether as offenders, victims, or as persons working (or seeking to work) within "the system," African Americans, Hispanics, and other minorities are treated differently than non-minorities. This course explores the core concepts of race and ethnicity as they have developed in our culture, and examines the evidence for and against various forms of racism and discrimination in key institutions of the criminal justice system. The nature and status of constitutional, statutory, and other remedies are also explored. Prerequisite: CRJU 0101 **and** Junior standing.

CRJU 0328 COMPUTER APPLICATION IN CRIME ANALYSIS (3) This course is designed to examine developments in information systems and their applications in the crime analysis environment. Particular attention will be given to management and analysis of crime-related data as well as an assessment of current and future applications in crime analysis. Previous computer experience is not required. Prerequisite: CRJU 0101, CRJU 0201, **and** Junior standing.

CRJU 0329 CRIME AND THE MEDIA (3) The course will deal with issues related to the mass media and crime in society. The increasing importance of the mass media in shaping people's perception of and attitudes toward the criminal justice system will be focused on. Other topics will include the media as a cause and cure for crime, biases in the media coverage, the effects of the media on criminal proceedings and crime on television and films. Prerequisite:CRJU 0101 and Junior standing.

CRJU 0330 CRIMINAL JUSTICE ADMINISTRATION (3) An examination of organizational theory and its applications within criminal justice agencies. Consideration of the principles of organization and methods adopted by progressive agencies to insure effective criminal justice service to the community will be reviewed. Prerequisite: CRJU 0101 and Junior standing.

CRJU 0332 HOMICIDE (3) An in-depth discussion of the legal definitions of and rationalizations for homicide. The statistical aggregates of those occasions will be considered in terms of demographic and ethno-cultural phenomena. The murder episode is examined within the context of morality. Prerequisite: CRJU 0101, CRJU 0201, **and** Junior standing.

CRJU 0333 TERRORISM (3) This course will explore the development of terrorism as a form of crime. Topics to be studied include major terrorist groups and their strategies, tactics and targets, jurisdictional issues, anti- and counter-terrorist operations, federal law enforcement, and future trends in terrorism. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0334 DRUGS AND CRIME (3) This course will present an overview of the problems of drug-related crime in contemporary society. Specific drug substances are discussed, as well as legal, cultural, and social factors in connection with drug law enforcement. Prerequisite:CRJU 0101 **and** Junior standing.

CRJU 0335 COMPARATIVE CRIMINAL JUSTICE SYSTEMS (3) Increasingly, practitioners in the American criminal justice systems are required to interact with their counterparts, as well as citizens from other national jurisdictions. Effective interaction, including cooperation and sharing, requires some understanding of how criminal justice is conceived and practiced in other parts of the world. This course examines and compares key institutions of the criminal justice systems in six model countries, two in Europe, two in Asia, one Islamic nation, and one from Latin America. We look not only at formal organizations in each country, but also at actual practices and how they compare with each other and the United States. To understand how differences and similarities have developed, we also learn something of the history, culture, political system and economic conditions of each model country. Prerequisite: CRJU 0101 **and** Junior standing.

CRJU 0336 SUPERVISORY PRACTICES IN LAW ENFORCEMENT (3) An examination of supervisory practices and principles utilized in public safety agencies; problems confronting the newly promoted employee; theories of organization and leadership; motivation of subordinates; effective communication; training; performance evaluation; disciplinary processes. Prerequisite: CRJU 0101, CRJU 0201, **and** Junior standing.

CRJU 0337 CRIMINAL JUSTICE ETHICS (3) This course investigates the application of moral logic to problems in the field of Criminal Justice. Issues related to policing, criminal prosecution, and corrections will be studied. Students will be encouraged to induce general moral precepts and rules from the examination of particular situations and problems. Prerequisite:CRJU 0101 and Junior standing.

CRJU 0338 ISSUES IN CONTEMPORARY SECURITY (3) An overview of security systems applicable to contemporary industrial and commercial demands. Losses through physical, technological, and personnel hazards are viewed as preventable phenomena if vulnerabilities are recognized and ameliorative measures taken. Counter-measures will be weighed within the framework of loss criticality and cost of effectiveness. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0339 PROBATION, PAROLE, AND COMMUNITY CORRECTIONS (3) This course will present an overview of correctional options in the community. It will challenge students to consider how sanctions for criminal offenders can be managed in the community without unduly sacrificing community safety or the integrity of the justice system. Community Corrections is a fluid and continually changing field. The focus will be on main themes and trends in probation and parole. Specific attention will be given to the dual and often conflicting goals of community protection and positive offender change with which the practitioner typically is confronted, the types of policies and programs implemented to meet these goals, and their effectiveness. Prerequisite:CRJU 0101, CRJU 0202, **and** Junior standing.

CRJU 0340 - 349 SPECIAL TOPICS IN CRIMINAL JUSTICE (3) An in-depth study of a limited or specialized area within the criminal justice field. Course content will vary according to the area of specialization of the instructor and the interest of the students. May be repeated if course content differs. Prerequisite:CRJU 0101 and Junior standing.

CRJU 0352 CRIME IN AMERICAN SCHOOLS (3) This course will present an overview of the problems of school-related crime in contemporary society. The initial focus will be on student crime, but will then shift to crimes committed by teachers and administrators. Topics covered will include an examination of the types and prevalence of school crime, the causes of crime in a school environment, and the varied responses to this critical social problem. Pre-requisite: CRJU 0101 **and** Junior standing.

CRJU 0353 CORRUPTION AND POLITICAL CRIME (3) This course will examine cases depicting the crimes which politicians, bureaucrats, and other governmental employees (such as police officers) commit. Also explored will be the criminological explanations for these failures in professional integrity, as well as the various methods used to control and eradicate corruption. Prerequisite: CRJU 0101 **and** junior standing.

CRJU 0354 EVALUATING CRIMINAL OFFENDERS (3)An overview of techniques to understand and categorize criminal offenders so as to employ the appropriate criminal justice response. The course will examine how offenders are evaluated at critical junctures of the corrections system, including bail release decisions, eligibility for pretrial programs, sentencing. and classifications in prison, probation, and parole. Current methods used by the justice system, inciuding the persistence investigation (PSI), sentencing guidelines, and structured risk and needs assessment will be reviewed. This course will also review the more clinical or psychodynamic assessment methods used with special offender populations (drugs/alcohol offenders, violent offenders, sex offenders). Prerequisite:CRJU 0101, CRJU 0202, **and** Junior standing.

CRJU 0355 HIGH PROFILE CRIMES AND TRIALS (3) A survey of high profile crimes and trials from different periods in history. The importance of the media in creating high profile crimes and trials will be discussed along with the notation of newsworthiness. Particular attention will be given to the effects high profile crimes and trials have on the public and criminal justice system. Prerequisite:CRJU 0101 **and** Junior standing.

CRJU 0356 FEDERAL CRIMINAL LAW (3) A consideration of federal substantive and procedural law. The course will focus on the role of the grand jury and agencies of the federal government in the investigation and prosecution of crime by the United States of America. Prerequisite:CRJU 0101, CRJU 0205, **and** Junior standing.

CRJU 0357 JUVENILES AND TREATMENT (3) This course covers the various treatment strategies regularly used in formal responses to juvenile misbehavior. Critical analysis of the theoretical underpinnings for school discipline strategies, therapeutic educational interventions, addiction treatment, and primary treatment approaches are discussed. Assessment of the rehabilitation potential of these approaches will also be discussed. Prerequisite: All major core courses for CRJU majors, CRJU 0101 for CRJU minors, or permission of the instructor.

RJU 0384 ADULT OFFENDERS: CASE STUDIES (3)A critical eoretical examination ofcertain types of adult offenders, espe-ally those who are socially disadvantaged. This examination will e based largely upon the analysis of qualitative research studies at have been done with adult offenders. Special attention is given the case study method and to understanding adult offenders as dividuals making choices within the constraints of larger politi-l, economic, social and ideological structures. Prerequisite: CRJU 01, CRJU 0202, and Junior standing.

RJU 0398 FIELD PRACTICUM IN CRIMINAL JUSTICE (3-The field practicum class involves the student's participation in e day-to-day functions of a criminal justice agency. The course is signed to provide students with an opportunity to translate the eoretically oriented classroom experience into practical applica-on in an area of particular interest to the student. Prerequisite: nior standing and permission of instructor.

RJU 0399 INDEPENDENT STUDY (3-6) Individual research and dependent study related to a particular aspect of criminal justice at is of special interest. Prerequisite: Permission of instructor .

Economics and Management

The Department of Economics and Management offers two majors leading to a BA in Economics or to a BS in Business Management. A double major in both Economics and Management is also available. In addition, double major programs are available in Economics and Political Science (BA degree) and Economics and Mathematics (BA degree).

As a small, selective program, we are able to satisfy students who desire individualized attention. Each of our programs prepares students to be successful and productive members of any organization they join, enables them to contribute to the greater good of society, and provides a solid foundation from which they can expand and learn throughout their personal and professional lives.

The Economics major is primarily designed to build a framework by which a student can learn to analyze economic issues in contemporary society. As a broadly-based social science, the program in Economics will consider various societal concerns such as unemployment, inflation, the environment, income distribution, poverty, global trade and competitiveness. The student receives a systematic introduction to the basic theoretical and empirical techniques of economics, and has a range of upper level electives which provide deeper appreciation of various economic topics. A major in Economics is suited to accommodate a broad range of student interests, including preparation for careers in business or government, and graduate school in economics, business, law, or public administration.

The Business Management major provides an analytical framework for applied decision making in the business world, along with practical preparation for tomorrow's workplace. After completion of a core of business courses, which provide fundamental business skills, students concentrate their studies in one of five functional areas. Course work throughout the program attempts to present students with a broad perspective of managerial decision making and includes consideration of moral and cultural constraints and issues regarding diversity. This integrative approach is reinforced in our final capstone courses; Business Policy/Strategy and International Business.

The concentrations that are available to the Business Management major include the primary functional areas of business: Accounting, Finance, Management, and Marketing, along with a specialized concentration in Aviation Management. While students need to satisfy at least one of these area's requirements, there is no prohibition on taking courses from more than one concentration. The intent of these concentrations is to allow flexibility and variety so that students are able to develop an individualized portfolio of skills that meets their educational and professional objectives.

The emphasis on hands-on, experiential learning is reinforced by the Business Internship program. Each year, this program places upper-level students who have demonstrated academic proficiency at local and regional business organizations. Through these internship opportunities, students are able to get first-hand exposure on how analytical classroom material applies to real world business situations.

For more information about the Department of Economics and Management, visit our homepage: http://wwwbus.westfield.ma.edu/.

REQUIREMENTS FOR THE ECONOMICS MAJOR

The department accepts as economics majors only those students who have demonstrated a basic level of ability and interest in economics.

REQUIRED COURSES - 21 credits

ECON 0101 Principles of Macroeconomics	(3)
ECON 0102 Principles of Microeconomics	(3)
ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)
ECON 0204 Introduction to Mathematical Economics	(3)
MATH 0108 Elementary Statistics	(3)
MATH 0115 Mathematics for Business and Social Sciences	(3)

ELECTIVES FOR THE ECONOMICS MAJOR - 15 credits

ECON 0300 Money and Banking	(3)
ECON 0321 Economics and Law	(3)
ECON 0302 Economic History of United States	(3)
ECON 0303 Economics of Development	(3)
ECON 0304 Urban Economics	(3)
ECON 0305 Introduction to Econometric Methods	(3)
ECON 0306 Managerial Economics	(3)
ECON 0307 Economics of Gender, Race and Ethnicity	(3)
ECON 0312 Labor Economics	(3)
ECON 0314 Industrial Organization	(3)
ECON 0315 Public Finance	(3)
ECON 0316 Economic History of Europe	(3)
ECON 0318 International Economics	(3)
ECON 0321 Natural Resource Economics	(3)
ECON 0322 Economics of Sports	(3)
ECON 0350 Current Economic Issues	(3)
ECON 0398 Senior Research Seminar	(3)
ECON 0399 Independent Study	(1-6)
MGMT 0338 International Business	(3)

REQUIREMENTS FOR THE DOUBLE MAJOR: ECONOMICS AND POLITICAL SCIENCE

By selecting appropriate core courses and substitutingtwo Political Science courses for two upper-level Economics courses,a Political Science major may add a second major in Economics by completing 18 credits of additional upper-level course work in Economics.

REQUIRED CORE COURSES – 12 credits

ECON 0101 Principles of Macroeconomics	(3)
ECON 0102 Principles of Microeconomics	(3)
MATH 0108 Elementary Statistics	(3)
MATH 0115 Mathematics for Business and Social Sciences	(3)

REQUIRED ECONOMICS COURSES – 9 credits

ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)
ECON 0204 Introduction to Mathematical Economics	(3)

ECONOMICS ELECTIVE COURSES – 9 credits

Please refer to the list of courses above under "Electives for the Economics Major."

OLITICAL SCIENCE ELECTIVE COURSES – 6 credits
udents majoring in Political Science may substitute two courses from e following list for two 0300-level economics electives:

POLS 0204 Intro. To Public Administration	(3)
POLS 0205 Metropolitan Politics	(3)
POLS 0206 Political Analysis	(3)
POLS 0208 Constitutional Law	(3)
POLS 0209 International Relations	(3)
POLS 0211 Comparative Foreign Policy	(3)
POLS 0224 Third World Politics of Developing Countries	(3)
POLS 0302 Modern Political Thought	(3)
POLS 0318 Public Management Skills	(3)
POLS 0320 Politics of Budget Making	(3)
POLS 0321 American Public Policy	(3)
POLS 0327 Administrative Law	(3)

EQUIREMENTS FOR THE DOUBLE MAJOR: ATHEMATICS AND ECONOMICS

selecting appropriate core courses and mathematics electives, a thematics major may add a second major in Economics by com- ting 15 credits of additional upper-level coursework in Economics.

quired Core Courses (6 credits)

ECON 0101 Principles of Macroeconomics	(3)
ECON 0102 Principles of Microeconomics	(3)

quired Economics Courses (6 credits)

ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)

nomics Elective Courses (9 credits)

ECON 0300 Money and Banking	(3)
ECON 0301 Economics and Law	(3)
ECON 0302 Economic History of the United States	(3)
ECON 0303 Economics of Development	(3)
ECON 0304 Urban Economics	(3)
ECON 0305 Introduction to Econometric Methods	(3)
ECON 0306 Managerial Economics	(3)
ECON 0307 Economics of Gender, Race & Ethnicity	(3)
ECON 0312 Labor Economics	(3)
ECON 0314 Industrial Organization	(3)
ECON 0315 Public Finance	(3)
ECON 0316 Economic History of Europe	(3)
ECON 0318 International Economics	(3)
ECON0319 Development of Economic Thought	(3)
ECON 0320 Environmental Economics	(3)
ECON 0321 Natural Resource Economics	(3)
ECON 0322 Economics of Sports	(3)
ECON 0350 Current Economic Issues	(3)
ECON 0398 Senior Research Seminar	(3)
ECON 0399 Independent Study	(3-6)
MGMT 0338 International Business	(3)

Mathematics Elective Courses (6 credits)
Students double-majoring in mathematics and economics must take two of the following mathematics courses. These two mathematics courses will count towards fulfilling the requirements of both majors.

MATH 0333 Applied Statistics	(3)
MATH 0334 Operations Research and Modeling	(3)
MATH 0340 Mathematical Statistics I	(3)
MATH 0341 Mathematical Statistics II	(3)

REQUIREMENTS FOR THE DOUBLE MAJOR: ECONOMICS AND FINANCE

REQUIRED COURSES – 15 credits

ECON 0101 Principles of Macroeconomics	(3)
ECON 0102 Principles of Microeconomics	(3)
ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)
ECON 0204 Intro to Mathematical Economics	(3)
MATH 0108 Intro to Statistics	(3)
MATH 0115 Mathematics/Business & Social Sciences	(3)

ELECTIVE COURSES – 15 credits (at least 6 credits of electives must be taken in economics courses not required in the Finance concentration)

ECON 0300 Money and Banking (offered each year)	(3)
ECON 0302 Economic History of the United States	(3)
ECON 0304 Urban Economics	(3)
ECON 0305 Intro to Econometric Methods	(3)
ECON 0306 Managerial Economics	(3)
ECON 0307 Economics of Gender, Race & Ethnicity	(3)
ECON 0312 Labor Economics	(3)
ECON 0314 Industrial Organization	(3)
ECON 0315 Public Finance	(3)
ECON 0316 Economic History of Europe	(3)
ECON 0318 International Economics	(3)
ECON 0319 Development of Economic Thought	(3)
ECON 0320 Environmental Economics	(3)
ECON 0321 Natural Resource Economics	(3)
ECON 0322 Economics of Sports	(3)
ECON 0350 Current Economic Issues	(3)
ECON 0398 Senior Research Seminar	(3)
ECON 0399 Independent Study	(3-6)
FINC 0319 Investments: Portfolio Management	(3)
MGMT 0338 International Business	(3)

ECONOMICS MAJOR WITH A FINANCE MINOR

The Economics major with a Finance minor is a program designed to develop an understanding of theoretical and empirical techniques of economics combined with a comprehension of financial markets and decision making within a business enterprise. The goal of the program is to provide students with an appropriate course of study for entry into the professional job market. The course work for the Finance Minor (18 credits) is listed below.

REQUIRED COURSES – 12 credits

ECON 0300/FINC 0320 Money and Banking	(3)
FINC 0207 Financial Management	(3)
FINC 0312 Investments:Security Analysis	(3)
FINC 0318 Advanced Managerial Finance	(3)

ELECTIVE COURSES – 6 credits (Select two)

ECON 0305/FINC 0305 Intro to Econometrics	(3)
ECON 0315 Public Finance	(3)
FINC 0319 Investments: Portfolio Management	(3)
FINC 0326 Insurance and Risk Management	(3)

ECONOMICS MINOR

The Economics minor program is intended for non-economics majors who choose to achieve some proficiency in economic analysis. It involves a minimum of eighteen credits in Economics.

The program in economics is designed to develop an understanding of economic relationships in contemporary life in order to equip a student to analyze economic issues of social and economic policy. This includes a systematic introduction to the basic theoretical and empirical techniques of economics. The program seeks to accommodate a broad range of student interests including preparation for careers in business or government, and graduate school in economics, business, law, or public administration.

REQUIRED COURSES ECONOMICS MINOR - 6 credits

ECON 0101 Principles of Macroeconomics	(3)
ECON 0102 Principles of Microeconomics	(3)

ELECTIVE COURSES ECONOMICS MINOR - 12 credits

ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)
ECON 0204 Introduction to Mathematical Economics	(3)
ECON 0300 Money and Banking	(3)
ECON 0301 Economics and Law	(3)
ECON 0302 Economic History of United States	(3)
ECON 0303 Economics of Development	(3)
ECON 0304 Urban Economics	(3)
ECON 0305 Introduction to Econometric Methods	(3)
ECON 0306 Managerial Economics	(3)
ECON 0307 Economics of Gender, Race and Ethnicity	(3)
ECON 0312 Labor Economics	(3)
ECON 0314 Industrial Organization	(3)
ECON 0315 Public Finance	(3)
ECON 0316 Economic History of Europe	(3)
ECON 0318 International Economics	(3)
ECON 0322 Economics of Sports	(3)
ECON 0350 Contemporary Economic Issues	(3)
ECON 0398 Senior Research Seminar	(3)
MGMT 0338 International Business	(3)

REQUIREMENTS FOR THE BUSINESS MANAGEMENT MAJOR

Business Management majors must complete a minimum of 30 credits in the major at Westfield State University in order to graduate.

REQUIRED BUSINESS CORE - 39 credits

ACCT 0104 Principles of Accounting I	(3)
ACCT 0105 Principles of Accounting II	(3)
FINC 0207 Financial Management	(3)
MGMT 0107 Software Applications in Management	(3)
MGMT 0220 Production/Operations Management	(3)
MGMT 0221 Business Management	(3)
MGMT 0241 Business LawOR	
AVIA 0243 Aviation Law (Aviation Concentration only)	(3)
MGMT 0250 Quantitative Approaches to Business Decisions	(3)
MGMT 0308 Organizational Development and Behavior	(3)
MGMT 0321 Management Information Systems OR	
ACCT 0345 Accounting Information Systems (Accounting Concentration only)	(3)
MGMT 0325 Business Policy and Strategy	(3)
MGMT 0338 International Business	(3)
MRKT 0231 Marketing Management	(3)

NON-BUSINESS REQUIRED COURSES - 18 credits

ECON 0101 Macroeconomics	(3)
ECON 0102 Microeconomics	(3)
ENGL 0103 Speech	(3)
ENGL 0392 Business & Technical Writing	(3)
MATH 0108 Statistics	(3)
MATH 0115 Math for Business & Social Science *	(3)

* MATH 0105 or Math 0106, Calculus I or II, will also satisfy th requirement.

BUSINESS CONCENTRATIONS

All Business Management majors are required to complete one of th following concentrations.

ACCOUNTING - 18 credits

ACCT 0310 Federal Income Taxation	(3)
ACCT 0311 Auditing	(3)
ACCT 0315 Intermediate Accounting I	(3)
ACCT 0316 Intermediate Accounting II	(3)
ACCT 0317 Cost Accounting	(3)
ACCT 0331 Advanced Accounting	(3)

AVIATION MANAGEMENT - 15 credits

AVIA 0130 Private Pilot Ground School	(3)
AVIA 0135 Aviation History and Development	(3)
AVIA 0261 Aviation Management	(3)
Flight Option:	
AVIA 0122 Private Pilot Flight School: Flight I	(1)
AVIA 0123 Private Pilot Flight School: Flight II	(1)
AVIA 0124 Private Pilot Flight School: Flight III	(1)
AVIA 0397 Aviation Internship	(3)
Non-Flight Option:	
AVIA 0397 Aviation Internship	(6)

Additional elective coursework in Aviation Management is recommended, according to student goals and interests.

INANCE - 18 credits

FINC 0312 Investments:Security Analysis	(3)
FINC 0318 Advanced Managerial Finance	(3)
FINC 0319 Investments:Portfolio Management	(3)
FINC 0320/ECON 0300 Money and Banking	(3)
FINC/ECON 0305 Econometrics	(3)
0300-Level Finance Elective	(3)

IANAGEMENT - 18 credits

MGMT 0301 Labor Relations	(3)
MGMT 0314 Human Resource Management	(3)
MGMT 0342 Entrepreneurship	(3)
MGMT 0344 Project Management	(3)
MGMT 0346 Leadership	(3)
0300-Level Management Elective	(3)

IARKETING - 18 credits

MRKT 0306 Logistics Management	(3)
MRKT 0307 Marketing Research Techniques	(3)
MRKT 0309 Sales and Sales Management	(3)
MRKT 0328 Principles of Advertising	(3)
MRKT 0337 Consumer Behavior	(3)
0300-Level Marketing Elective	(3)

CONOMICS - 15 credits

ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)
ECON 0302 Economic History of the United States	(3)
ECON 0306 Managerial Economics	(3)
Any upper-level Economics elective (other than MGMT 0338)	(3)

EQUIREMENTS FOR LICENSURE FOR TEACHER OF BUSINESS ANAGEMENT (5-12)

attain licensure to teach Business at the 5-12 grade level students ust complete the following:

The Business major with a Management concentration;
The professional sequence for the middle and secondary school specialist (described in the Education dept. section);
MGMT 0351 Teaching Methods in Business.

ident progress toward meeting Advanced Standing in Teacher Edation is monitored at the end of the sophomore year (57 credits). ase see section on Licensure for Teacher Education.

order to be eligible for student teaching, a student must have comted all required course and field work, have an overall GPA of 2.8 cluding transfer work), and have a passing grade in the appropriate assachusetts Tests for Educator Licensure (i.e., Communication and eracy and subject matter tests). Student teaching placements are limd to within a 30-mile radius of the campus.

BUSINESS MINOR

The Business minor program prepares students enrolled in other majors for careers in organizations. The minor requires a minimum of 18 credits chosen from the Business core courses listed below:

REQUIRED – 9 credits

ACCT 0104 Principles of Accounting I	(3)
ACCT 0105 Principles of Accounting II *	(3)
MGMT 0107 Software Applications in Management	(3)

ELECTIVES – 9 credits
Choose three of the following

FINC 0207 Financial Management *	(3)
MGMT 0220 Production/Operations Management *	(3)
MGMT 0221 Business Management *	(3)
MGMT 0241 Business Law	(3)
MGMT 0250 Quantitative Approaches to Business Decisions *	(3)
MGMT 0325 Business Policy and Strategy *	(3)
MGMT 0338 International Business *	(3)
MRKT 0231 Marketing Management	(3)

* Please note: these courses have prerequisites.

COMMERCIAL RECREATION AND TOURISM MINOR

The Commercial Recreation and Tourism minor is interdisciplinary and includes courses from Economics and Management, Geography and Regional Planning, and Movement Science. It is designed to expose students to the unique issues facing the travel and transportation, hospitality, commercial recreation, and entertainment industries. Students will acquire skills in management, marketing, and operations in this expanding area. Through coursework and fieldwork, students will have the opportunity to evaluate this field for potential employment opportunities. Six courses (18 credits) constitute the minor:

REQUIRED - 9 credits

MRKT 0251 Introduction to Commercial Recreation and Tourism	(3)
MOVP 0330 Sports Promotion	(3)

One of the following:

GARP 0213 Travel and Tourism Planning or	(3)
GARP 0218 Recreation Geography	(3)

Three courses from the list below, to be selected with the approval of the minor advisor - 9 credits

ECON 0322 The Economics of Sports *	(3)
GARP 0317 Special Topics	(3)
MGMT 0221 Business Management *	(3)
MGMT 0241 Business Law	(3)
MGMT 0350 Special Topics	(3)
MOVR 0296 Special Topics	(3)
MRKT 0231 Marketing Management	(3)
MRKT 0336 Fundamentals of Retailing *	(3)
MRKT 0353 Resort Management *	(3)
MRKT 0354 Fieldwork in Commercial Recreation and Tourism *	(3)

* Please note:these courses have prerequisites

Students interested in this minor are encouraged to major in one of the three areas of economics and management, geography and regional planning or movement science, and should seek advisement from that department.

Courses

ACCOUNTING

NOTE: Junior status is required for all courses except for those marked with an asterisk (*).

*ACCT 0104 PRINCIPLES OF ACCOUNTING I (3) Development of a framework of concepts underlying the preparation of corporate financial statements which are useful to investors, economists, the general public, and other interested external parties. The balance sheet and income statement as conventionally reported by American corporations are studied as to methodology for their preparation, their interpretation, and their strengths and limitations. Prerequisite: MGMT 0107.(Formerly MGMT 0104)

*ACCT 0105 PRINCIPLES OF ACCOUNTING II (3) Continuation of the emphasis in Principles of Accounting I upon corporate financial reporting to external parties. An introduction to the concepts underlying the preparation of accounting information which is useful to management in the planning and control of business operations. Prerequisite: ACCT 0104.(Formerly MGMT 0105)

ACCT 0205 FUND ACCOUNTING (3) Concerns the accounting theory applied to nonprofit entities such as municipalities, universities, hospitals, and churches. Content constitutes a significant portion of the Uniform Certified Public Accountant examination. Prerequisite: ACCT 0104.(Formerly MGMT 0205)

ACCT 0310 FEDERAL INCOME TAXATION (3) A first course in Federal Taxation which provides an overview of past and present Internal Revenue Codes. Emphasis is on personal and business income tax procedures and preparation. Exclusions, deductions and income from proprietorships, partnerships, rental units, trusts and estates, dividends and interest are included. Prerequisite:ACCT 0105. (Formerly MGMT 0310)

ACCT 0311 AUDITING (3) Covers the principles of auditing, using accounting principles as criteria. Current auditing theories, standards, procedures, and techniques are studied. Auditing procedures and analysis of supporting documentation materials are emphasized to ascertain how they lead to the development of an audit opinion. The course studies the legal, ethical, and technical environment in which the auditor works. A practice case study is required. Prerequisite: ACCT 0105. (Formerly MGMT 0311)

ACCT 0315 INTERMEDIATE ACCOUNTING I (3) Advances the depth of accounting concepts pursued in the accounting principles courses. The course begins with an overall review of basic financial concepts and the essentials of the accounting process. It continues with a more indepth view of income recognition and measurement, accounting changes and errors, and a detailed look at various asset accounts and their relationship to the income statement. Balance sheet accounts covered include cash, receivables, and inventory. Prerequisite:ACCT 0105. (Formerly MGMT 0315)

ACCT 0316 INTERMEDIATE ACCOUNTING II (3) Continues the advanced study of Generally Accepted Accounting Principles (GAAP) guiding the preparation of corporate financial statements. The topics addressed include: property, plant and equipment; depreciation; intangibles; liabilities; investments; stockholders' equity; earnings per share; and leases. Prerequisites: ACCT 0315. (Formerly MGMT 0316)

ACCT 0317 COST ACCOUNTING (3) This course provides a strong conceptual foundation in the preparation of information for use by management in the planning and control of business operations. Topics covered will include cost-volume-profit analysis, job costing, activity-based costing, process costing, master budgets, flexible budgets, and variance analysis. Students will be required to use spreadsheet software extensively in several case studies. Prerequisite: ACCT 0105.(Formerly MGMT 0317)

ACCT 0322 CORPORATE TAXATION:PLANNING AND PRACTICE (3) A planning approach to the taxation of corporations and formation of investment and business decisions by managers. Collapsible Corporations, capital gains treatment, charitable contributions, net operating loss, dividends-received deductions, alternatives minimum tax, and reconciliation of tax and book income will be examined. Prerequisite: Junior or senior status; ACCT 0104, and ACCT 0105. (Formerly MGMT 0322)

ACCT 0331 ADVANCED ACCOUNTING (3) An intensive course that specializes in areas of accounting including: partnerships and joint ventures, branches, consolidated statements, segment reporting, interim statements, multi-national companies, bankruptcy and reorganization, installments and consignments, fund accounting, and estates and trusts. Prerequisite: ACCT 0316.(Formerly MGMT 0331)

ACCT 0345 ACCOUNTING INFORMATION SYSTEMS (3) Study of factors considered in the design, development, and implementation of accounting related information systems. Topics may include computer feasibility studies, business processes and transaction cycles, general ledger and financial reporting, proper system documentation, internal controls and audit trails, implementation issues, the impact of the accounting function on various elements of the organization, and implications of the Internet on accounting information systems. Prerequisite:ACCT 0105.

ACCT 0350 SEPCIAL TOPICS IN ACCOUNTING (3) Examines current issues within the accounting profession and/or topics that require advanced treatment within an accounting specialty area. May be repeated if course content differs. Prerequisite: Permission of Instructor.

AVIATION

NOTE: Junior status is required for all courses except for those marked with an asterisk (*).

AVIA 0122 PRIVATE PILOT FLIGHT SCHOOL: PRIMARY FLIGHT I (1) This course consists of flight instruction and ground tutoring necessary for the student to accomplish his or her first solo flight. Lessons include elements of flight principles, pre-and-post flight procedures, taxiing and ground handling, use of flight controls, basic maneuvers, take-offs, and landings. Introduction to aircraft systems, radio communications, and air traffic control procedures. One two hour lecture/demonstration period weekly for one semester. (Formerly MGMT 0122)

AVIA 0123 PRIVATE PILOT FLIGHT SCHOOL: PRIMARY FLIGHT II (1) This course is a continuation of Primary Flight I, designed to prepare the student for solo cross-country flight. Lessons provide greater proficiency in maneuvers, stalls take-offs and landings, and emergency procedures. Introduction to night flights, various types of VFR navigation, and VOR tracing. Flight planning and cross-country flying, culminating in solo cross-country flight. One two-hour lecture/demonstration period weekly for one semester. Prerequisite: AVIA 0122. (Formerly MGMT 0123)

VIA 0124 PRIVATE PILOT FLIGHT SCHOOL: PRIMARY LIGHT III (1) Continuation of Primary Flight 11 with emphasis on oss-country navigation, flying, flight planning, and solo practice to in proficiency in all basic maneuvers. Lessons include IFR radio and vigation control of aircraft solely by reference to instruments. Private lot qualifications are completed. One two-hour lecture/demonstra- on period weekly for one semester. Prerequisite: AVIA 0123. (For- erly MGMT 0124)

VIA 0130 PRIVATE PILOT GROUND SCHOOL (3) Private pilot ound school provides all required ground instruction for the Private lot Certificate. Upon successful completion of this course, students ll receive an endorsement to take the FAA Private Pilot written ex- ination. Topics discussed in this course include: acrodynamics, flight eory, aircraft systems, power plants, aircraft control and operation, fety, communications, airspace, navigation, weight & balance, me- orology, FAA regulations, flight physiology, Crew Resource Man- ement, (CRM), and aircraft performance. (Credit by examination available at the discretion of the Aviation Program Coordinator). ormerly MGMT 0130)

VIA 0135 AVIATION HISTORY AND DEVELOPMENT (3) A sur- of the history of America in the Twentieth Century, emphasizing development and growth of aviation as a major influence upon economic, military, and societal development of the United States. ormerly MGMT 0135)

VIA 0243 AVIATION LAW (3) Aviation Law is a study of the evo- ion of federal civil aviation regulations in the United States at the leral and state levels. The course analyzes past and present problems ulting in regulation of the industry. Particular topics include safety, port funding legislation, and international aviation legislation. Addi- nal areas of study include the liabilities of pilots and operators, liens, urity interests, international conferences, bilateral and multilateral reements, and criminal statues. (Formerly MGMT 0243)

IA 0261 AVIATION MANAGEMENT (3) Survey of general avia- n industry; basics of aircraft operations; marketing of products and vices; legal aspects; physical facilities; major concentration will be ced on management and administration of a fixed base operation, ties and responsibilities of airport management and managerial con- erations in all areas of general aviation. (Formerly MGMT 0261)

IA 0262 INSTRUMENT PILOT GROUND SCHOOL (3) Topics lude discussion of aircraft environmental control systems and com- rcial flight planning, study of instrument flight charts, IFR depar- e, en route, and approach procedures. Prepares students for the Fed- l Aviation Administration (FAA) written examination. Prerequisite: vate Pilot License. (Formerly MGMT 0262)

IA 0263 INSTRUMENT PILOT FLIGHT TRAINING (3) Em- sis on analysis of altitude instruments, instrument approaches, and route operations. This course will prepare students for the Federal ation Administration (FAA) practical test. Prerequisite: AVIA 0262. rmerly MGMT 0263)

A 0323 COMMERCIAL PILOT GROUND SCHOOL (3) Subject tter involves advanced treatment of the airplane systems, perfor- nce and control, the National Airspace System, Federal Aviation gulations, meteorology, radio navigation, and the physiology of ht. Students who meet FAA requirements will be qualified to take FAA written examination. Prerequisite: Instrument Rating.(For- rly MGMT 0323)

AVIA 0324 COMMERCIAL PILOT FLIGHT TRAINING (3) This is a professional pilot training that includes several stages: Stage 1: Includes a review of basic flight maneuvers, precision landings, take-off and landing techniques. Stage 2: Training includes solo practice in precision flight maneuvers including night and cross-country flight. Stage 3: Concentrated instrument flight instruction including IFR navigation, use of VOR, ADF, localizer, holding patterns, flight planning, procedures and regulations. Stage 4: Continued instrument fight instruction with emphasis on aircraft control, IFR flight planning, departure, en route, holding, and arrival procedures, instrument approaches, IFR procedures and regulations. Stage 5: Complete review of all commercial maneuvers, instrument flying techniques, procedures, and regulations. Students upon completion are ready for FAA Commercial/ Instrument Flight Test. Prerequisite: Enrollment in or completion of AVIA 0323. (Formerly MGMT 0324)

AVIA 0350 SPECIAL TOPICS IN AVIATION MANAGEMENT (3) Examines and analyzes contemporary topics in aviation management. Course content will vary according to the area of specialization of the instructor and the interests of the students. May be repeated if course content differs. Prerequisite: Permission of Instructor.

AVIA 0397 AVIATION INTERNSHIP (3-15) Instructive endeavor in the aviation industry or an aviation-related business that complements the academic program. Full time business student/ must be a senior pursuing the aviation management concentration and have permission of department.(Formerly MGMT 0397)

ECONOMICS

ECON 0101 PRINCIPLES OF MACROECONOMICS (3) An introduction to economic analysis with emphasis on the application of economic principles to an understanding of contemporary problems. Topics to be discussed include: the nature of a market economy, national income, employment and fiscal policy, characteristics of the American monetary and banking system, economic growth and international trade. ECON 0101 and ECON 0102 may be taken in any order.

ECON 0102 PRINCIPLES OF MICROECONOMICS (3)Emphasis on the economics of the firm and resource allocation. Topics to be discussed include: the price and output determination under pure competition, pure monopoly, monopolistic competition, and oligopoly, the resource market, international trade, and an evaluation of American capitalism. ECON 0101 and ECON 0102 may be taken in any order.

ECON 0201 MICROECONOMIC THEORY (3) An examination of the basic assumptions and methods of analysis employed in microeconomic theory. Topics studied include: elasticity concepts, demand derivation, production and cost relationships, pricing under various market structures, and distribution theory. These topics are integrated through short and long-run analysis as applied to the firm and industry. Lecture and exercises of concepts is included. Prerequisite: ECON 0102.

ECON 0202 MACROECONOMIC THEORY (3)An analysis of theories and models of macroeconomic activity. Topics include: monetary and fiscal policy, budget deficits, unemployment, inflation, consumer spending, the role of expectations, interest rates, balance of payments, exchange rates and the role of government in a market economy. Prerequisite: ECON 0101.

ECON 0204 INTRODUCTION TO MATHEMATICAL ECONOMICS (3) A study of the mathematical methods commonly used in economic analysis. The primary purpose of the course is to introduce the student to matrix algebra and differential calculus as applied to business and economic problems. Prerequisites: ECON 0101, ECON 0102, and some knowledge of algebra.

ECON 0300/FINC 0320 MONEY AND BANKING (3)An analysis of money, the banking system, financial markets and economic activity. The course presents the nature of money and the role of commercial banking in an historical context, as well as inflation, budget deficits, the yield curve, the stock market, the gold standard, balance of payments, exchange rates, portfolio theory and the role of the Federal Reserve System in the U.S. economy. Prerequisite: ECON 0101.

ECON 0301 ECONOMICS AND LAW (3)An exploration of the relationship between economics and law. Specifically, it will look at how economic theory can be used to understand legal problems and show how the common law often promotes economic efficiency. Topics covered will include antitrust law, property rights, contracts, criminal law, and the economics and law of discrimination. Prerequisite: ECON 0102

ECON 0302 ECONOMIC HISTORY OF THE UNITED STATES (3) A study of the evolution of the American economy since colonial times. Recent analysis is utilized to evaluate the economic impact of industrialization, land policy, slavery, wars, banking and transportation. The role of the government is carefully traced in this context. Prerequisites: ECON 0101 and ECON 0102.

ECON 0303 ECONOMICS OF DEVELOPMENT (3) Examination and analysis of the major theories of economic development: "surplus labor", capital accumulation, historical and cultural approaches. Surveys human capital; agricultural, industrial, and trade policies, as well as foreign aid. Uses international case studies. Prerequisite: ECON 101 and ECON 0102.

ECON 0304 URBAN ECONOMICS (3) An economic analysis of contemporary urban issues. Topics include:Rent control, minimum wage laws, racial and gender discrimination, illegal drugs, the regulation of public utilities, inequality with regard to income and wealth, and the economics of crime. Prerequisite: ECON 0102.

ECON 0305/FINC 0305 INTRODUCTION TO ECONOMETRIC METHODS (3) A study of the application of statistical methods and techniques to economic conditions. The primary focus of the course is the formulation, interpretation, and critical analysis of regression methodology. Topics include: hypothesis testing, multiple regression, specification errors, multi-colinearity, and autocorrelation. Prerequisites: ECON 0101, ECON 0102, and MATH 0108, or permission of instructor.

ECON 0306/FINC 0306 MANAGERIAL ECONOMICS (3) An emphasis on the application of microeconomic theory in the solution of everyday business problems faced by the firm relating to production, costs, demand, expenditures, etc. A course designed for Business Management students. Prerequisites: ECON 0102.

ECON 0307 ECONOMICS, GENDER, RACE & ETHNICITY (3) An exploration of issues associated with the economics of gender, race and ethnicity, such as income and employment inequality, the urban underclass, affirmative action and the family and economic security. Special attention will be given to the political, philosophical, social and moral aspects of these issues. A survey of both market and non-market remedies directed at problems associated with discrimination are included. Prerequisite: ECON 0102.

ECON 0312 LABOR ECONOMICS (3)An examination of the theory of wage determination and labor markets. Topics include:The economics of collective bargaining, evaluation of criteria used for wage determination, and collective bargaining issues and procedures in the economy . Prerequisite: ECON 0102.

ECON 0314/FINC 0314 INDUSTRIAL ORGANIZATION (3) An examination of the structure, conduct and performance of industries in the United States. Determinants of industrial organization, including economies of scale, mergers, vertical integration, advertising, pricing strategies and technology, are examined. Analysis of antitrust policy focusing on legal precedents regarding monopoly, price-fixing, mergers, and deceptive practices. Prerequisite: ECON 0102.

ECON 0315 PUBLIC FINANCE (3) The role of government in attaining an efficient allocation of resources and an equitable distribution of income. Emphasis is placed on criteria for the evaluation and selection of public expenditure and tax programs including the problem of coordinating federal, state and local finance. Special attention is given to current policy issues. Prerequisites: ECON 0101 and ECON 0102.

ECON 0316 ECONOMIC HISTORY OF EUROPE (3) An analysis of the economic development of Europe since feudalism. Emphasis will be given to the rise and fall of the feudal economy, the transformation of agriculture, mercantilism, the development of capitalism, the Industrial Revolution, urbanization, economic imperialism and the impact of war. Prerequisite: ECON 0101 and ECON 0102.

ECON 0318 INTERNATIONAL ECONOMICS (3) An investigation into the theoretical and empirical basis of international trade and factor movements. The course deals with such basic topics as barriers to trade, the balance of payments, international monetary relations within the context of an historical perspective, present conditions, and future expectations. Prerequisites: ECON 0101 and ECON 0102.

ECON 0319 DEVELOPMENT OF ECONOMIC THOUGHT (3) Analyzes the content and limitations of contemporary economic thought in contrast to earlier theoretical systems. Traces the evolution of systematic economic thinking through the dual influence of internal logical development and the external social and intellectual environment. Central economic issues that are of current significance, such as price formation, distribution of wealth and income, population and international trade, etc., will be analyzed in historical perspective. Prerequisites: ECON 0101 and ECON 0102.

ECON 0320 ENVIRONMENTAL ECONOMICS (3) A study of the impact of economic activity on the environment as regards the pollution of our air, land, and water; the depletion of our finite material and energy resources; and the response of economic analysis to ameliorate those impacts as we face the daunting challenge to feed, clothe, and shelter a burgeoning world population that has rising material aspirations. Prerequisite: ECON 0102.

CON 0321 NATURAL RESOURCE ECONOMICS (3)A study of ır depletable, reusable, and renewable natural mineral, energy, and ological resources and how the application of economic analysis ay provide us with a guide for their management through recycling, plenishing,substituting, etc., in order that they might continue to pro- le us with the necessary resources for a sustainable economy well to the future. Prerequisite: ECON 0102.

CON 0322 THE ECONOMICS OF SPORTS (3)This course ap- ies the tools of economic analysis to a variety of topics relating to ofessional and amateur sports. The course will analyze the salaries professional athletes and examine the impact of unions and free gency on the salary structure. The course will also address the issue of blic funding for stadiums and the impact of professional sports on cal economies. Additional topics will include the economic impact discrimination in professional sports based upon race, gender, and tional origin, the relationship between academics and athletics at the llegiate level, the impact of television on professional and amateur orts, and an analysis of the sports memorabilia market. Prerequisite: CON 0102.

CON 0350 CURRENT ECONOMIC ISSUES (3) Analysis of con- mporary issues in domestic and international economic theory and licy at both macro- and micro-economic levels, including study of blic vs. private sector relationships, the market structure, and the dustrial base. Prerequisite: ECON 0101 and ECON 0102 or permis- on of instructor.

CON 0351 SPCIAL TOPICS IN ECONOMICS (3) Examines and alyzes contemporary topics in economics. Course content will vary cording to the area of specialization of the instructor and the inter- s of the students. May be repeated if course content differs. Prereq- site: Permission of Instructor.

CON 0398 SENIOR RESEARCH SEMINAR (3)Students apply an- tical procedures to specific economic problems of local, national or ernational significance, and receive training in the preparation of re- arch reports. Class discussion on student reports, and assigned read- gs dealing with issues of economic theory and policy. Under faculty idance, students will select a topic, design a research procedure, and mplete an individual or group project. Prerequisites: ECON 0201 d ECON 0202.

CON 0399 INDEPENDENT STUDY (3-6) Prerequisite: Permission instructor.

NANCE

DTE: Junior status is required for all courses except for those marked h an asterisk (*).

NC 0102 PERSONAL FINANCIAL PLANNING (3) A study of the ncepts and strategies in personal financial planning. Major topics lude planning techniques, forms of income, investment and savings, naging credit, risk management, tax planning, accumulation and nsfer of wealth. (Formerly MGMT 0102)

FINC 0207 FINANCIAL MANAGEMENT (3) Introduces basic concepts of corporate financial management. The course encompasses practical, as well as theoretical, aspects of corporate finance, with an emphasis on the decision making functions of the financial manager and the process of valuation. The objective of the course is to give students specific skills to analyze and interpret financial data and to develop an understanding of the nature of investment and financing decisions in business organizations. Topics covered include; financial statement analysis, the time value of money, the valuation of financial securities such as stocks and bonds, and capital budgeting analysis. Prerequisite: ACCT 0105. (Formerly MGMT 0207)

FINC 0305/ ECON 0305 INTRODUCTION TO ECONOMETRIC METHODS (3) A study of the application of statistical methods and techniques to economic conditions. The primary focus of the course is the formulation, interpretation, and critical analysis of regression methodology. Topics include: hypothesis testing, multiple regression, specification errors, multi-colinearity, and autocorrelation. Prerequisites: ECON 0101, ECON 0102, and MATH 0108, or permission of instructor. (Formerly MGMT 0305)

FINC 0306/ECON 0306 MANAGERIAL ECONOMICS (3) An emphasis on the application of microeconomic theory in the solution of everyday business problems faced by the firm relating to production, costs, demand, expenditures, etc. A course designed for Business Management students. Prerequisites: ECON 0101 and 0102.

FINC 0312 INVESTMENTS: SECURITY ANALYSIS (3) Introduction to fundamental concepts of investments with an emphasis on the evaluation of financial securities. Topics include the operation of financial markets, how securities are bought and sold, economic and industry analysis, and financial statement analysis. The objective is to familiarize students with basic concepts and discuss issues critical to making sound investment decisions. It is applicable to students seeking to develop personal investing skills, as well as those considering a career in the area of investments. Prerequisites: FINC 0207 or permission of instructor. (Formerly MGMT 0312)

FINC 0314/ECON 0314 INDUSTRIAL ORGANIZATION (3) An examination of the structure, conduct and performance of industries in the United States. Determinants of industrial organization, including economies of scale, mergers, vertical integration, advertising, pricing strategies and technology, are examined. Analysis of antitrust policy focusing on legal precedents regarding monopoly, price-fixing, mergers, and deceptive practices. Prerequisite: ECON 0102.

FINC 0318 ADVANCED MANAGERIAL FINANCE (3) This course reinforces and extends the concepts introduced in FINC 0207 Financial Management. Topics include asset valuation, the time value of money, and a variety of issues facing corporate financial managers, such as the cost of capital, capital budgeting and risk, capital structure decisions, dividend policy, hedging and risk management, mergers and corporate governance. Casework and computer analyses are used extensively. Prerequisite: FINC 0207. (Formerly MGMT 0318)

FINC 0319 INVESTMENTS: PORTFOLIO MANAGEMENT (3) An introduction to fundamental concepts of investments with an emphasis on managing an investment portfolio. Topics include risk and return, capital allocation decisions, investment goals and objectives, use of derivative securities in portfolio construction, and performance evaluation. The objective is to familiarize students with the theory of portfolio construction and discuss issues critical to making sound investment decisions. It is appropriate for students seeking to develop personal investing skills, as well as those considering a career in the area of investment management. Prerequisite: FINC 0207. (Formerly MGMT 0319)

FINC 0320/ECON 0300 MONEY AND BANKING (3) An analysis of money, the banking system, financial markets and economic activity. The course presents the nature of money and the role of commercial banking in an historical context, as well as inflation, budget deficits, the yield curve, the stock market, the gold standard, balance of payments, exchange rates, portfolio theory and the role of the Federal Reserve System in the U.S. economy. Prerequisite: ECON 0101. (Formerly MGMT 0320)

FINC 0326 INSURANCE AND RISK MANAGEMENT (3) Provides the student with an in-depth understanding of all phases of insurance and risk management. The topics to be studied are basic principles, the nature and operation of insurance business, and the nature of risk and risk management. Included in these topics are property insurance; casualty insurance; life, accident, and health insurance; and group and social insurance. Prerequisite: FINC 0207. (Formerly MGMT 0326)

FINC 0350 SPECIAL TOPICS IN FINANCE (3) Examines and analyzes contemporary topics in finance and investments. Course content will vary according to the area of specialization of the instructor and the interests of the students. May be repeated if course content differs. Prerequisite: Permission of Instructor.

MANAGEMENT

NOTE: Junior status is required for all courses except for those marked with an asterisk (*).

*MGMT 0101 INTRODUCTION TO BUSINESS (3) An introduction to the field of Business Management. The course covers types of businesses, their organization, and the general functions of financial management, production management and marketing management. (For non-business majors or students considering enrollment in the major.)

*MGMT 0107 SOFTWARE APPLICATIONS IN MANAGEMENT (3) Examines software designed for management including spreadsheets, data-base packages, and mainframe communications. Provides practical experience and systems theory necessary for managerial decision-making. Fundamentals of computer literacy and logical thinking, as they relate to management, are emphasized.

MGMT 0220 PRODUCTION/OPERATIONS MANAGEMENT (3) A state of the art strategic systems approach to the operations functions of manufacturing and service organizations. The course covers designing, acquiring, operating, and maintaining facilities and processes; managing the supply chain; controlling and maintaining inventories; and staffing and scheduling human resources needed to provide goods and services. Prerequisite:ACCT 0104, MGMT 0250 and MGMT 0107 (or CAIS 0124 or CAIS 0125).

MGMT 0221 BUSINESS MANAGEMENT: A SURVEY OF ORGANIZATIONAL DEVELOPMENT AND MANAGEMENT PRINCIPLES (3) Provides a general probe into the role of management in business, exploring concepts of management used in business, various issues of Business Management structures and the organization of management. Topics to be studied include: an examination of a systems approach to management, human behavior, personality conflict in organizations and techniques of creative management. The course shall touch upon several leadership development strategies, models of executive action in business policy or control, and provide a broad comprehensive over-view of current issues concerning women, minorities and social responsibility in the field of Business Management. Prerequisite: MGMT 0107.

MGMT 0224/CAIS 0224 ADVANCED MICROCOMPUTER APPLICATIONS (3)An advanced experience with current microcomputer-based productivity software. The course is intended for students who have a working knowledge of microcomputer software and applications. The course provides in-depth experience with advanced spreadsheet topics, as well as other topics such as advanced microcomputer operating system facilities, presentation graphics, applications integration, and communications. Prerequisite:CAIS 0124, CAIS 0125 MGMT 0107, or equivalent.

*MGMT 0241 BUSINESS LAW I (3) Develops an understanding of the philosophical and logical development of the law and its relationship to business through the use of text and case analysis. Explores in-depth, substantive contract law, which forms the basis for business transactions, commencing with the initial negotiation and offer through performance of legally binding obligations and the remedies available if obligations are not performed.

MGMT 0250 QUANTITATIVE APPROACHES TO BUSINESS DECISIONS (3) Covers the application of quantitative techniques to business problem-solving and decision making. Subjects include linear programming, probabilities, simulations, PERT, queuing, and game theory. The application of these analytical tools to business decision problems such as: distribution, inventory control, product mix, scheduling, competitive strategy, and forecasting is covered through case analysis. Approximately 1/3 of the course is devoted to case work. Prerequisites: MGMT 0107, MATH 0108 and MATH 0115..

MGMT 0301 LABOR RELATIONS (3) Examines the legal relationship between employer and employee. Uses text reading and case analysis to cover labor legislation, union organizations and practices, unfair labor practices, employment discrimination, and affirmative action programs. Prerequisite: MGMT 0241.

MGMT 0302 SMALL BUSINESS MANAGEMENT (3) A detailed study of the knowledge required and the factors involved in starting and operating a small business. Cost and money management are emphasized. Other areas covered include: product selection, location and timing, pricing and other marketing techniques, purchasing and inventory control, and the personal factors contributing to success. Prerequisites: MRKT 0231 and MGMT 0241.

GMT 0308 ORGANIZATIONAL DEVELOPMENT & BEHAV-R (3) Examines the foundations for understanding individual and up behavior and relates these points to the problems faced by nagers in organizations. Emphasis is on topics of study relevant to eloping managerial effectiveness in interrelationships with other or-izational members. Course attempts to develop an understanding the relationship between individual and organization and to identify nagement skills that can contribute to effective performance. Pre-uisite: MGMT 0221.

GMT 0313 COLLECTIVE BARGAINING (3) Combines the his-ical, behavioral, and legal elements covering the process of negotiat- contractual conditions of employment. Current labor agreements studied and distinctions between public and private sectors are ntified. Prerequisite: MGMT 0241.

GMT 0314 HUMAN RESOURCE MANAGEMENT (3) Covers process of manpower planning and utilization in organizations. sonnel forecasting, employment, training and development, place-nt, motivation, wage and salary administration, employee benefits, performance evaluation are covered. Special emphasis is given to blems arising between manager and subordinates, the professional human services, minority groups, the hard-to-employ worker, and impact of public policy. Prerequisite: MGMT 0241.

GMT 0321 MANAGEMENT INFORMATION SYSTEMS (3) road introduction to the use of computer-based information sys-s in all functional areas of a business. Students learn how infor-ion systems may be developed, used, and managed to support strategic, tactical, and operational decision-making processes in organization. Prerequisite: MGMT 0107 or Junior standing as a IS or COMS major.

GMT 0325 BUSINESS POLICY AND STRATEGY (3) Emphasiz-management planning and control techniques in solving business blems and in determining strategy for sales and profit growth. An grated case study approach will be used. The course will illustrate many factors that influence complex business decisions. FOR NIORS ONLY. Prerequisites: FINC 0207, MGMT 0221, MRKT 1, and MGMT 0241.

GMT 0327 SMALL BUSINESS INSTITUTE (3) Small Business itute is a cooperative effort between the Small Business Adminis-on and Westfield State University's Business Management depart-nt. The course will supplement the academic training of business dents with "real-world" problems from the small business sector. dent teams from the Business Management Program will furnish epth management assistance to small businesses. Areas of assis-e include: accounting and record keeping, market research, adver-g and sales promotion, inventory control, etc. Prerequisites: Junior/ or status and permission of department.

MT 0338 INTERNATIONAL BUSINESS (3) Provides an oppor-y to bring the tools and information gained in previous courses to task of solving managerial problems in international and foreign ronments. Focuses on an analysis of market opportunities, meth-of entry in foreign business areas, and related business problems. equisites: MGMT 0221 and MRKT 0231.

MGMT 0339 SEMINAR IN NON-PROFIT MANAGEMENT (3) The course will give students an overview of the nonprofit field, both from the macro and micro perspectives. From the micro perspective, students will learn about nonprofit corporate structures, mission statements, goals and objectives, risk management and recruitment, training and motivation of board, staff and volunteers. Students will also delve into grant writing and fund raising. From the macro perspective, students will gain an understanding of the role of the nonprofit in the community, including needs assessments and how best to market a program. Prerequisite: MGMT 0221 or permission of the instructor.

MGMT 0342 ENTREPRENEURSHIP (3) Students gain valuable experience in innovating and creating new business or not-for-profit opportunities. They will learn to find and develop new projects, to design new products and services, and to translate their ideas into comprehensive, workable business plans. Prerequisites: FINC 0207 and MRKT 0231.

MGMT 0344 PROJECT MANAGEMENT (3)Provides students with an understanding of the concepts, processes, and tools for managing projects on time, on budget, within scope, and with high-quality results. These skills may be applied to all types of projects, including new product development, information systems integration, mergers and acquisitions, and construction development. Covers project management techniques such as PERT, CPM, GANTT, WBS and project management software tools. Prerequisites:MGMT 0220.

MGMT 0346 LEADERSHIP (3) Comprehensively examines evolving leadership theory and practice, from trait theory to modern theories of the leadership process, power, leadership styles, situational leadership, contingency theory, and team leadership. Further topics include diversity, ethics, globalization, popular approaches to leadership, and women and men as leaders. The primary course objective is to prepare students for leadership roles in organizations. Students will lean through experiential exercises, lectures, readings, focused videos, and team projects. Prerequisites: MGMT 0221.

MGMT 0350 SPECIAL TOPICS IN BUSINESS MANAGEMENT (3) Examines and analyzes contemporary topics in Business Management. Educates the student in the application of strategy and integrates fundamental problem solving techniques into contemporary situations. Focuses on current business issues, yet takes a traditional perspective.

MGMT 0351 TEACHING METHODS IN BUSINESS (3) Preparation for teaching of business in the middle and secondary schools through the following: preparation of lesson plans and lessons and development of evaluation methods appropriate to student developmental level and specific to business content. Analysis of teaching techniques and instructional materials will focus on differences between courses aimed at developing skills and those designed to teach understanding of the conceptual basis of business and economics. Approaches to teaching studied will include the following: sensitivity to surrounding cultures within which businesses operate; interrelationship of businesses with individuals and society; need for appropriate responses to changes in technology; and importance of employment relationships to the content area.

MGMT 0355 E-BUSINESS (3) Examines the technologies and applications of the Internet with a focus on developing effective global e-business models. Website development; attracting and managing website traffic; use of email to promote and support business objectives; Internet regulatory and cultural issues; and development of effective e-business strategies are explored in depth. Students will gain practical experience visiting and critiquing Internet-based business models and cases. Prerequisites:MGMT 0107 (or CAIS 0124 or CAIS 0125) and MGMT 0220 and MGMT 0250.

MGMT 0398 BUSINESS INTERNSHIP (3-15) Full time business student/ must be a second semester junior or senior and have permission of department.

MGMT 0399 INDEPENDENT STUDY Prerequisite: Permission of department.

MARKETING

NOTE: Junior status is required for all courses except for those marked with an asterisk (*).

MRKT 0231 MARKETING MANAGEMENT (3) A developmental survey into the field of marketing in business, which will study the roles of marketers in business and society as a whole. Concentration shall be placed on defining marketing, the role of a marketing executive, the various systems of marketing, and the economic factors that affect marketing. In order to probe these questions, the course shall examine consumer behavior, purchase decision making, product pricing, policy and planning, channels of distribution in business, and marketing institutions and organizations. Further dimensions of advertising, marketing research, analysis, forecasting, and marketing information flows, controls, and performance shall be explored. Prerequisite: Sophomore standing. (Formerly MGMT 0231)

MRKT 0251 INTRODUCTION TO COMMERCIAL RECREATION AND TOURISM (3) Analysis of the commercial recreation and tourism industries. Includes a study of participant profiles, types of commercial and resort enterprises and national tourism studies. Also included will be employment opportunities trends and issues. Field visits are required. Prerequisite: Sophomore status. (Formerly MGMT 0251)

MRKT 0306 LOGISTICS MANAGEMENT (3) The process of planning, implementing, and controlling the efficient flow and storage of raw materials, in-process inventory, finished goods, and related information from point of origin to point of consumption for the purpose of conforming to customer requirements. Logistics is a systems approach to business problems and company objectives that can be realized by recognizing the mutual interdependence of the functional areas of the firm. Prerequisite: MRKT 0231.(Formerly MGMT 0306)

MRKT 0307 MARKETING RESEARCH TECHNIQUES (3) Reviews the specialized techniques for conducting marketing research and how they contribute to marketing strategy. Material covered includes quantitative and qualitative research, simulation, forecasting, survey preparation, and secondary source analysis. Prerequisite: MRKT 0231.(formerly MGMT 0307)

MRKT 0309 SALES AND SALES MANAGEMENT (3) A course in effective salesmanship and how to set up and control a field sales organization. Course emphasizes the role of personal selling in the marketing mix and covers all basic sales management issues. Prerequisite: MRKT 0231. (formerly MGMT 0309)

MRKT 0328 PRINCIPLES OF ADVERTISING (3) Vital to the worl of modern business is an understanding of the role of advertising. Thi course provides a study of the techniques and practices of advertisin today. Strategies and procedures for campaign design and executio will be examined. Students will take an advertising idea through th various stages of planning, visualizing and writing advertising copy Prerequisite: MRKT 0231. (formerly MGMT 0328)

MRKT 0336 FUNDAMENTALS OF RETAILING (3) Retailing cor cepts, structure, and competition are studied and evaluated. Attentio is given to techniques and procedures of purchasing goods for resal The necessity of keeping merchandise assortments adjusted to co stantly changing consumer demands is analyzed. Retail organizationa trends and management, market analysis, store location, sales forecas ing, and retail advertising will be examined. Prerequisite: MRKT 023 (formerly MGMT 0336)

MRKT 0337 CONSUMER BEHAVIOR (3) By gaining a better u derstanding of the factors that affect consumer behavior, marketers ar in a better position to predict how consumers will respond to the marketing strategies. Consumer Behavior draws on the Social Scienc in addition to the quantitative characteristics of the market such a population patterns, income distribution, living standards, and occ pational changes. (formerly MGMT 0337)

MRKT 0353 RESORT MANAGEMENT (3) A topical course in r sort and selected sports management activities. Contents include ma agement and marketing of lodging, retail shops, rental and recreation programs, food services and other year round resort services. Ad tionally, the selection and operation of seasonal commercialized spor will be included. This unique course combines classroom training i addition to providing a significant work experience at the mountai Prerequisites: Junior status, MRKT 0251, permission of instructor, an departmental permission. (formerly MGMT 0353)

MRKT 0350 SPECIAL TOPICS IN MARKETING (3) Examines an analyzes contemporary topics in marketing, advertising, consumer b havior and related areas. Course content will vary according to th area of specialization of the instructor and the interests of the student May be repeated if course content differs. Prerequisite: Permission Instructor.

MRKT 0354 FIELDWORK IN COMMERCIAL RECREATIO AND TOURISM (3-9) Field work offers students and opportunity work in a directed environment with professionals in the area. He they experience the work world first hand before graduation. Studen learn new skills, test their academic theories, and explore profession goals while making valuable contributions to their employer. This e perience also emphasizes individual development. Only 3 credits m be applied to the Commercial Recreation and Tourism minor. Prere uisites: Permission of instructor and department. (formerly MGM 0354)

ducation

the oldest public, coeducational, teacher education institution in nation, Westfield State University, founded in 1839, has an hisical and abiding commitment to serving the educational needs of students in the Commonwealth of Massachusetts. Our shared vi- exists among education faculty, liberal arts and sciences faculty, dents, PreK-12 teachers, and administrators. We are dedicated to development of learning communities that encourage individual wth through a commitment to social justice and the quest for an proved future for all learners. Our teacher education programs emce this vision of Educators as Leaders Building Learning Communi-. Westfield State University is accredited by the National Council for creditation of Teacher Education (NCATE) at the initial licensure el with which the undergraduate programs are aligned. All initial grams are approved by the Massachusetts Department of Elemen- and Secondary Education (DESE).

rough this shared vision, Westfield State University's teacher educa- programs provide innovative ways to create ties with a variety of tners, both on campus and within PreK-12 communities. Each year Teacher in Residence program recruits a public school educator to the education faculty. The Westfield Professional Development ool network includes five elementary schools and is an essential ncy for professional development and program improvement be- en the University and the Westfield Public School system. WSU lty members develop joint projects with public school teachers and e their work at a joint conference.

cher education programs at the primary level include early child- d education, special education, and elementary education. At the ondary level, approved programs include English, history, mathtics, general science, chemistry, biology, business, and vocational nical education. Our special education programs prepare teachers work with children with mild to moderate disabilities at the elemenor secondary level.

Regulations for Educator Licensure in the Commonwealth of sachusetts require that all prospective teachers complete a liberal sciences, or interdisciplinary major. All candidates for teacher liure also must pass appropriate state mandated licensure examinas. Students are encouraged to review test requirements with their cation Department advisor.

use the Massachusetts DESE continually revises teacher educa- standards and requirements for licensure, students are advised departmental program requirements also are subject to change to ntain compliance with both state and professional standards. The cation Department at Westfield State University makes every effort otify students of changes in program requirements and regulations on as they officially are published by the Commonwealth. When appropriate to do so, the department advises students of potential ges in advance of formal announcement and implementation. Stus are responsible for major and/or licensure program requirements are required to meet with their advisor regularly.

tfield offers the following Massachusetts Department of Education oved majors in the liberal arts and sciences:

Art
Biology
Economics
English
Environmental Science
Ethnic and Gender Studies
General Science
History
Liberal Studies
Mathematics
Movement Science
Music
Political Science
Psychology
Sociology
Spanish

The Education Department has a list of recommended academic areas that addresses the Massachusetts Curriculum Frameworks and Common Core State Standards and strongly encourages Liberal Studies as a second major for candidates seeking Early Childhood, Elementary, or Special Education licensure. Students should refer to the Liberal Studies major for additional requirements and arrange to meet with a Liberal Studies advisor. The Education department sponsors informational meetings about programs in education each semester. Students are required to attend these meetings and should contact the department for a schedule of dates and times. Students also must meet with both their Education department advisor and second major advisor each semester. First-year students not accepted into the major can transfer into Education if they have achieved a 2.6 GPA after the conclusion of their first-year.

The Education Department and the office of the Dean of Education maintain admission and retention criteria for teacher licensure programs. To achieve Advanced Standing within the major, licensure, or professional sequence for secondary education programs, a student must complete 57 credits, achieve an overall GPA of 2.6, earn an average of 2.7 (B-) or better in ENGL 0101 and ENGL 0102, and pass the communication and literacy exam (i.e., Massachusetts Test for Educator Licensure, Communication and Literacy). A minimum overall GPA of 2.8 (including transfer work) and a passing grade on the MTEL subject matter test(s) are required for practicum placement. Students must see their advisor to learn about practicum requirements for each license. Practicum placements are limited to a 30-mile radius of the University. Practicum students are not permitted to be employed during school hours or take vacation time during practicum.

Generally, students spend the first two years completing core requirements and acquiring a broad base in the liberal arts. During the sophomore year, students take introductory level education courses, MTEL tests and participate in a public school classroom field experience. Retention in the program is dependent on students achieving Advanced Standing as described above. During the last two years at the University, students complete their education course work, their arts or science major, additional field work, and pass the remaining appropriate MTEL subject matter test(s). During the senior year, students complete a practicum experience. A diversity experience is required for one of the 30 hour pre-practicum placements or for the practicum. Undergraduates who have completed all of the requirements for the major or licensure program are recommended by the University for initial licensure issued by the Massachusetts Department of Elementary and Secondary Education (DESE).

A complete listing of teacher preparation programs sponsored or co-sponsored by the Education department includes:

Early Childhood Education (PreK-2)
Elementary Education (1-6)
Special Education: Moderate Disabilities (PreK-8) and (5-12)
Biology (8-12)
Chemistry (8-12)
Business (5-12)
English (5-8)
English (8-12)
General Science (5-8)
History (5-8)
History (8-12)
Mathematics (5-8)
Mathematics (8-12)

The following departments also sponsor initial teacher licensure preparation:

Art (PreK-8, 5-12)
Music (All levels)
Movement Science (physical education PreK-8, 5-12)

EARLY CHILDHOOD, ELEMENTARY, AND SPECIAL EDUCATION

The Bachelor of Science in Education major with licensure and licensure only programs are designed to prepare outstanding teacher candidates at the Massachusetts initial licensure level. Students may choose to major in Education (with licensure) or choose the licensure only program. These programs include Early Childhood Education for Students with or without Disabilities (grades Pre-K-2), Elementary Education (grades 1-6), and Special Education: Moderate Disabilities (grades PreK-8) or Moderate Disabilities (grades 5-12). Specific WSU core courses are required for Education students. Students who choose to major in Education must also complete a second major in liberal arts, sciences, or an interdisciplinary major. To meet licensure requirements within four years, the Department of Education encourages students to select Liberal Studies as the second major for all three major programs.

Students who are not eligible to advance to practicum (student teaching) because they have not attained a grade point average of 2.8 or higher or because they have not passed all required Massachusetts Tests of Educator Licensure (MTELs) may complete their Education major by replacing the practicum requirement within their programs of study. The replacement of practicum involves taking additional Education coursework or comparable courses under the advisement of the Chair of the Education Department. Students who do not complete practicum are not eligible for licensure; however, they may graduate from WSU with their Education major and second major.

The Westfield State University teacher licensure program for Early Childhood Teacher of Students With and Without Disabilities has been recognized by the National Association of the Education of Young Children. The teacher licensure program in Elementary Education has received recognition by the Association for Childhood Education International. The teacher licensure program in Special Education has been recognized by the Council for Exceptional Children.

COMMON CORE COURSEWORK FOR EARLY CHILDHOOD, ELEMENTARY, AND SPECIAL EDUCATION MAJORS

The following core course work is required for students completing the major programs in Early Childhood, Elementary, and Special Education:

COMPOSITION (6 CREDITS)
Required:
ENGL 0101 English Composition I (3)
ENGL 0102 English Composition II (3)

LITERARY AND PHILOSOPHICAL ANALYSIS (6 CREDITS)
One American Literature Course from the following:
ENGL 0210 US Latino/a Literature (3)
ENGL 0215 Introduction to American Literature (3)
ENGL 0216 American Literature to 1865 (3)
ENGL 0217 American Literature since 1865 (3)
LLIT 0202 Women Writers of the Americas: US (3)
One Literature or Philosophy Course from the following:
ENGL 0213 Introduction to British Literature (3)
ENGL 0221 World Literature I (3)
ENGL 0222 World Literature II (3)
LLIT 0201 Women Writers of Americas: Global (3)
LLIT 0210 Studies in Literature of Africa (3)
LLIT 0310 Studies in Hispanic Civilizations (3)
PHIL 0211 Asian Philosophy (3)

APPRECIATION OF THE ARTS (6 CREDITS)
Two courses required: one from two different disciplines from the Appreciation of the Arts section of the Core, see full listing earlier in this *Bulletin*.

US HISTORY/GOVERNMENT (3 CREDITS)
One from the following:
HIST 0131 U.S. History and Government to 1865 (3)
HIST 0132 U.S. History of Government 1865-Present (3)

SOCIAL UNDERSTANDING (9 CREDITS)
Both of the following:
PSYC 0101 Introduction to Psychology (3)
EDUC 0220 Schools in American Culture (3)
One from the following:
ECON 0101 Principles of Macroeconomics (3)
ECON 0102 Principles of Microeconomics (3)
EGST 0208 Hip Hop Cultures (3)
EGST 0209 Images of Black and Brown (3)
GARP 0101 World Regional Geography * (3)
LANG 0210 Language, Culture & Society (3)
LCUL 0220 Envisioning the Americas (3)
* Early Childhood majors must take GARP 0101. Elementary and Special Education majors must take either GARP 0101 or 0210 but only GARP 0101 fulfills Social Understanding.

MATH/ANALYTICAL REASONING (6 CREDITS)
MATH 0153 Foundations: Number Systems (3)
MATH 0250 Foundations: Patterns, Reasoning and Algebra (3)

LAB SCIENCE (8 CREDITS)
Required:
GNSC 0101 Physical Science (4)
One of the following:
BIOL 0102 Environmental Biology (4)
BIOL 0104 Human Biology (4)
BIOL 0106 Biology Today (4)
BIOL 0237 Human Anatomy and Physiology I (4)

GLOBAL DIVERSITY (3 CREDITS)
One courses from the Global Diversity section of the Core, see full listing earlier in this *Bulletin*.

US DIVERSITY (3 CREDITS)
EDUC 0380 Multicultural Education (3)

REQUIREMENTS FOR THE EARLY CHILDHOOD EDUCATION MAJOR WITH LICENSURE (PREK-2)

UNIVERSITY CORE COURSEWORK IN EDUCATION:
EDUC 0220 Schools in American Culture (*FB) (3)
EDUC 0380 Multicultural Education (3)

PROFESSIONAL EDUCATION COURSEWORK:
EDUC 0221 Introduction to Students with Exceptional Learning Needs (*FB) (3)
EDUC 0201 Learning and Assessment (3)
EDUC 0319 Principles of Teaching and Learning (*FB) (3)
EDUC 0308 Early Childhood Curriculum (*FB) (3)
EDUC 0314 Classroom Management (3)
EDUC 0381 Early Intervention for Young Children with Special Needs (*FB) (3)
EDUC 0305 Literature and Language Arts (3)
EDUC 0303 Early Literacy and Reading ** (3)
Education Elective (for the major only) (3)
EDUC 0336 Practicum I: Early Childhood Pre K-2 (6)
EDUC 0337 Practicum II: Early Childhood Pre K-2 (6)

ADDITIONAL REQUIRED COURSEWORK:
PSYC 0202 Child Development (3)
GARP 0101 World Regional Geography (3)
GNSC 0360 Methods of Science Education for PreK-6 (2)
MATH 0352 Foundations of Teaching Elementary Mathematics: PreK-6 (2)
MOVP 0303 Health Ed. in the Elementary School or
MOVP 0301 Physical Ed. in the Elementary School (3)
EDUC 0396 Seminar Recent Developments: Computers in Education or Other ISTE Standards-based technology course (3)
EDUC 0309 Children's Literature or Other approved children's literature course (3)
Mathematics or Science Elective (3-4)
A World History course as defined by the History Department or EGST 206: Introduction to Islamic Studies, or an additional 3 credit equivalent course as determined by Liberal Studies Chair (3)

*FB indicates field-based course.
**Take course prior to MTEL Foundations of Reading Test (Field #90).

REQUIREMENTS FOR THE ELEMENTARY EDUCATION MAJOR WITH LICENSURE (1-6)

UNIVERSITY CORE COURSEWORK IN EDUCATION:
EDUC 0220 Schools in American Culture (*FB) (3)
EDUC 0380 Multicultural Education (3)

PROFESSIONAL EDUCATION COURSEWORK:
EDUC 0221 Introduction to Students with Exceptional Learning Needs (*FB) (3)
EDUC 0201 Learning and Assessment (3)
EDUC 0319 Principles of Teaching and Learning (*FB) (3)
EDUC 0306 Elementary Curriculum and Instruction (*FB) (3)
EDUC 0311 Social Studies in the Elementary School (3)
EDUC 0314 Classroom Management (3)
EDUC 0305 Literature and Language Arts (3)
EDUC 0303 Early Literacy and Reading** (3)
Education Elective (for the major only) (3)
EDUC 0338 Practicum (12)

ADDITIONAL REQUIRED COURSEWORK:
PSYC 0202 Child Development (3)
GNSC 0360 Methods of Science Education for PreK-6 (2)
MATH 0352 Foundations of Teaching Elementary Mathematics: PreK-6 (2)
MOVP 0303 Health Ed. in the Elementary School or
MOVP 0301 Physical Ed. in the Elementary School or
MOVP 0212 Concepts of Nutrition (3)
EDUC 0396 Seminar Recent Developments: Computers In Education or
Other ISTE Standards-based technology course (3)
GARP 0210 Cultural Geography or
GARP 0101 World Regional Geography (3)
Mathematics or Science Elective (3-4)
A World History course as defined by the History Department or EGST 206: Introduction to Islamic Studies, or an additional 3 credit equivalent course as determined by Liberal Studies Chair (3)

*FB indicates field-based course.
**Take course prior to MTEL Foundations of Reading Test (Field #90).

SPECIAL EDUCATION

In general, the Special Educator is trained in educational, social, emotional, and vocational interventions, identification, assessment and programming processes; adaptation and development of curriculum materials; analysis of behavior; and the development and implementation of individual educational programs.

Massachusetts State Law requires that children with special needs be served within the least restrictive environment. The Individuals with Disabilities Education Act guarantees an appropriate education and due process for individuals with disabilities. Regulations designed to implement these laws clearly state the need for special education teachers to provide services to children who exhibit a wide range of special needs at all grade levels.

REQUIREMENTS FOR THE SPECIAL EDUCATION MAJOR: MODERATE DISABILITIES PREK-8 WITH LICENSURE

UNIVERSITY CORE COURSEWORK IN EDUCATION:

EDUC 0220 Schools in American Culture (*FB)	(3)
EDUC 0380 Multicultural Education	(3)

PROFESSIONAL EDUCATION COURSEWORK:

EDUC 0221 Introduction to Students with Exceptional Learning Needs (*FB)	(3)
EDUC 0303 Early Literacy and Reading **	(3)
EDUC 0319 Principles of Teaching and Learning (*FB)	(3)
EDUC 0370 Speech and Language Problems of the Special Needs Child	(3)
EDUC 0371 Identification, Assessment, Planning, and Programming (Moderate Special Needs) (*FB)	(3)
EDUC 0376 Developmental Disabilities and Self-Determination	(3)
EDUC 0377 Learning Disabilities and Instructional Strategies	(3)
EDUC 0378 Behavior Support for Students with Emotional/Behavioral Disorders	(3)
EDUC 0381 Early Intervention for Young Children with Special Needs (*FB)	(3)
EDUC 0397 Practicum: Moderate Special Needs	(12)
Education elective (for the major only)	(3)

*FB indicates field-based course.
**Take course prior to MTEL Foundations of Reading Test (Field-#90).

ADDITIONAL REQUIRED COURSEWORK:

PSYC 0202 Child Development or PSYC 0203 Adolescent Development	(3)
GARP 0101 World Regional Geography or GARP 0210 Cultural Geography	(3)
GNSC 0360 Methods of Science Education for PreK-6	(2)
MATH 0352 Foundations of Teaching Elementary Mathematics: PreK-6	(2)
MOVP 0303 Health Ed. in the Elementary School or MOVP 0212 Concepts of Nutrition or MOVP 0301 Physical Ed. in the Elementary School	(3)
EDUC 0396 Seminar in Recent Developments: Computers in Education or Other ISTE standards-based technology course	(3)
Mathematics or Science elective	(3-4)
A World History course as defined by the History Department or EGST 206: Introduction to Islamic Studies, or an additional 3 credit equivalent course as determined by Liberal Studies Chair	(3)

REQUIREMENTS FOR THE SPECIAL EDUCATION MAJOR: MODERATE DISABILITIES LICENSE (5-12) WITH LICENSURE

UNIVERSITY CORE COURSEWORK IN EDUCATION:

EDUC 0220 Schools in American Culture (*FB)	(3)
EDUC 0380 Multicultural Education	(3)

PROFESSIONAL EDUCATION COURSEWORK:

EDUC 0221 Introduction to Students with Exceptional Learning Needs (*FB)	(3)
EDUC 0303 Early Literacy and Reading **	(3)
EDUC 0354 Educational Planning and Evaluation: Middle and/or Secondary Schools (*FB)	(3)
EDUC 0370 Speech and Language Problems of the Special Needs Child	(3)
EDUC 0371 Identification, Assessment, Planning, and Programming (Moderate Special Needs) (*FB)	(3)
EDUC 0374 Career Education and Transition for Students with Disabilities	(3)
EDUC 0376 Developmental Disabilities and Self-Determination	(3)
EDUC 0377 Learning Disabilities and Instructional Strategies	(3)
EDUC 0378 Behavior Support for Students with Emotional/Behavioral Disorders	(3)
EDUC 0397 Practicum: Moderate Special Needs	(12)
Education elective (for the major only)	(3)

*FB indicates field-based course.
**Take course prior to MTEL Foundations of Reading Test (Field-#90).

ADDITIONAL REQUIRED COURSEWORK:

PSYC 0203 Adolescent Development	(3)
GARP 0101 World Regional Geography or GARP 0210 Cultural Geography	(3)
GNSC 0360 Methods of Science Education for PreK-6	(2)
MATH 0352 Foundations of Teaching Elementary Mathematics: PreK-6	(2)
MOVP 0303 Health Ed. in the Elementary School or MOVP 0301 Physical Ed. in the Elementary School or MOVP 0212 Nutrition	(3)
EDUC 0396 Seminar in Recent Developments: Computers in Education or Other ISTE standards-based technology course	(3)
Mathematics or Science elective	(3-4)
A World History course as defined by the History Department or EGST 206: Introduction to Islamic Studies, or an additional 3 credit equivalent course as determined by Liberal Studies Chair	(3)

IDDLE AND/OR SECONDARY SCHOOL EDUCATION

iddle and/or secondary education programs prepare students to ach select academic disciplines at middle and senior high schools. he course work in instructional methods emphasizes helping the pre-rvice teacher become skilled at communicating the principles and ncepts basic to an academic subject. Students gain first-hand expe-ence in actual classroom situations early in their University studies, ually in the sophomore year. With an emphasis on acquiring content the academic discipline and with intensive preparation in simulated d actual teaching situations, students experience and demonstrate mpetencies required for successful teaching.

udents may elect to prepare for teaching in one or more of the follow-g areas: Art (PreK-8,5-12); Biology (8-12); Business (5-12); Chem-ry (8-12); English (5-8, 8-12); General Science (5-8); History (5-8, 12); Mathematics (5-8, 8-12); Music (all levels); Physical Education reK-8, 5-12). Students seeking licensure in Art, Music or Physical ducation should refer to the specific requirements listed under the ap-opriate academic major.

l students interested in middle or secondary licensure must complete application for the professional sequence — please see your advisor. pplications are also available in the Education Department in Paren-Hall. Students preparing to teach at the middle or secondary level ust complete the Professional Sequence in Education in addition to e requirements of the appropriate major. All students are required to eet regularly with their academic and education advisor to ensure a mely completion of program requirements. Candidates in Art, Music, Physical Education should make an appointment with the appropri-e chair of their department.

o be accepted for Advanced Standing within the major, licensure, or rofessional sequence, a student must have completed 57 credits, have hieved an overall GPA of 2.6, earned an average of 2.7 (B-) or bet-r in ENGL 0101 and ENGL 0102, and passed the Communication id Literacy exam (i.e. Massachusetts Tests for Educator Licensure MTEL): Communication and Literacy). **A minimum overall GPA of 8 (including transfer work) and a passing grade on the MTEL subject atter test(s) are required for practicum placement.** Undergraduates ho have completed all the requirements of the licensure program in condary education are recommended by the University for initial li-nsure issued by the Commonwealth of Massachusetts.

ROFESSIONAL SEQUENCE: MIDDLE (GRADES 5-8) ND SECONDARY (GRADES 8-12) SPECIALIST

he Professional Sequence for Middle and Secondary Specialist must e completed by students intending to teach an academic subject area the Middle or Secondary School. Students must complete an aca-mic major in the subject area in which the licensure is sought.

ROFESSIONAL SEQUENCE CORE:

EDUC 0220 Schools in American Culture (*FB)	(3)
EDUC 0380 Multicultural Education **	(3)

Note: Students seeking Teacher of English licensure satisfy this re-uirement through English major course work

ROFESSIONAL SEQUENCE COURSES MIDDLE ND SECONDARY SPECIALIST:

EDUC 0221 Introduction to Students with Exceptional Learning Needs (*FB)	(3)
EDUC 0321 The Middle School and Its Students**	(3)
EDUC 0354 Educational Planning and Evaluation: Middle and/or Secondary Schools (*FB)	(3)
PSYC 0203 Adolescent Development (prerequisite, Psychology 0101)	(3)
Appropriate academic methods course (*FB)	(3)
Appropriate Practicum	(12)
EDUC 0364 Practicum Middle School (12) or EDUC 0369 Practicum Secondary (12) or EDUC 0364 (6) and EDUC 0369 (6)	(12)

*FB indicates field-based course.
** Note: Required for Middle School licensure.

VOCATIONAL TECHNICAL EDUCATION

In cooperation with the Massachusetts Department of Elementary and Secondary Education, Westfield State University offers a degree program for vocational teachers. This is a Bachelor of Science in Education (Vocational) for teachers of trades. The students in this program later are employed either in their trade area, or in a vocational technical school, or in a comprehensive high school. Since the students in this program are employed during the day, the program is offered on a part time basis in the evening. In the Commonwealth of Massachusetts a conferred degree is not a requirement for teaching a trade in a vocational school.

REQUIREMENTS FOR VOCATIONAL EDUCATION

EDUC 0214 Supervised Practicum **	(3)
EDUC 0301 Implementing a Competency Based Curriculum*	(3)
EDUC 0302 Integrating Vocational and Academic Curriculum*	(3)
EDUC 0332 Seminar for the Vocational Technical Educator	(3)
EDUC 0343 Appraisal and Evaluation Techniques in Occupational Education	(3)
EDUC 0344 Developing and Implementing a Standards-Based Curriculum in Vocational Technical Education	(3)
EDUC 0351 Teaching Methods for Vocational Technical Education-Instructional Strategies	(3)
EDUC 0357 Managing Student Behavior in a Healthy and Safe Environment	(3)
EDUC 0358 Teaching Methods for Vocational Technical Education – Educating and Assessing the Vocational Technical Education Learner	(3)
EDUC 0379 Teaching Methods for Vocational Technical Education – Using R esearch-Based practices to Develop Effective Instructional Strategies*	(3)
EDUC 0390 Addressing the Needs of Students with Disabilities in Vocational Technical Education.*	(3)*
EDUC 0396 Recent Developments in Computers in Education	(3)

* See description in Graduate Catalogue for corresponding course; undergraduate course to be submitted for governance approval.
** Title change to be submitted for governance approval.

READING MINOR

Students may choose to complete a minor in reading. The minor consists of 18 credit hours of course work in the specialized area of reading, typically beginning in the first semester of the sophomore year. Students interested in completing this minor should schedule an appointment with the Education department Chair.

REQUIRED COURSES:

EDUC 0309 Children's Literature	(3)
EDUC 0317 Analysis and Correction of Reading Disabilities (with Apprenticeship)	(3)
EDUC 0334 Word Analysis and Comprehension Strategies in Reading	(3)
EDUC 0335 Literacy Instruction for English Language Learners	(3)

ELECTIVE COURSES (SELECT TWO):

EDUC 0304 Teaching Writing and the Expressive Arts, Pre-K-6	(3)
EDUC 0318 Reading in the Content Area	(3)
EDUC 0377 Learning Disabilities and Instructional Strategies	(3)
EDUC 0333 Field Experience in Reading	(3)

Courses

EDUC 0201 LEARNING AND ASSESSEMENT (3) An introduction to the basic principles and practices of effective assessment for classroom teachers. The course addresses what teachers need to do to assess learning before, during, and after instruction with special emphasis given to the importance of personal judgment and educational accountability. Topics include selecting appropriate modes of assessment, assessment and issues of diversity, technology and assessment, standardized testing, assessment and programmatic change.

EDUC 0207 PHILOSOPHY OF EDUCATION (3) An introduction to educational philosophy through consideration of historically recurrent perspectives such as idealism, realism, essentialism, romanticism, instrumentalism, existentialism, and positivism as they relate to contemporary issues in educational policy and practice. Special emphasis will be given to fundamental approaches to the critical analysis of original sources.

EDUC 0214 SUPERVISED INTERNSHIP: VOCATIONAL EDUCATION (3) Supervised by a master teacher and monitored by a University instructor. Demonstration of the application of pedagogical skill. Prerequisite: Completion of the four pre-internship vocational instructor approved courses.

EDUC 0220 SCHOOLS IN AMERICAN CULTURE (3) This course is designed to stimulate creative and critical thinking about the nature and value of education. Participants will be introduced to the role of the teachers, learners, and schools in society. The role of schools in maintaining and perpetuating culture will be considered as well as issues and controversies confronting American education. Students will also be familiarized with important global educational issues and developments. Field experience required for teacher licensure students.

EDUC 0221 INTRODUCTION TO STUDENTS WITH EXCEPTIONAL LEARNING NEEDS (3) Content and experiences will focus on those students who meet the criteria for categories of disabilities that are identified by education law and those with other exceptional learning needs. This study of individuals in the context of school will facilitate an understanding of laws, history, litigation, individualized education programs, Response To Intervention (RTI) and Universal Design Learning (UDL) principles. Race, ethnicity, gender, and economic status are examined as they apply to students with exceptional learning needs. Historical and current approaches to the education and includion of students with exceptional learning needs will be examined including topics of identification, placement, referral, evaluation and assistive technology. 15 hour field experience required.

EDUC 0303 EARLY LITERACY AND READING (3) Provides the prospective teacher with an introduction to early literacy and reading program development. The course emphasizes skills related to emergent literacy, word recognition, comprehension, critical and oral reading, continuous evaluation of developmental reading skills, diagnostic teaching, and individualized instruction of reading in early childhood and elementary education. Pre/co-requisite: EDUC 0319. Note: Teaching candidates should take this course prior to taking the MTEL Foundations of Reading Test – Field #90.

EDUC 0304 TEACHING WRITING AND THE EXPRESSIVE ARTS: PRE-K-6 (3) This course will focus on teaching writing of all discourse styles including personal narrative, creative writing and poetry, and expository writing for early childhood and elementary populations including students with moderate special needs. It also will emphasize teaching oral language expression, effective listening skills and strategies, creative drama, and the relationship between integration of listening and the creative arts. This course is intended to provide preservice early childhood and elementary school teachers with in-depth theoretical and practical bases for teaching and assessing language arts beyond the curriculum presented in EDUC 0305, Literature and the Language Arts, a foundation course in these areas offered by the University. Pre/co-requisite EDUC 0305.

EDUC 0305 LITERATURE AND THE LANGUAGE ARTS (3) Provides the prospective teacher with an introduction to literature and language arts programs. Emphasis is on the communication skills of listening, speaking, reading, writing, viewing, and visually representing. The relationship of children's literature in the total language arts program in early childhood and elementary education is presented. Pre/co-requisite: EDUC 0319.

EDUC 0306 ELEMENTARY CURRICULUM AND INSTRUCTION (3) Elementary Curriculum and Instruction Students will be introduced to the major concepts of the elementary school social studies, science, mathematics, the arts, physical education/health, and drug and substance abuse curricula. The relationship among the elementary disciplines will be demonstrated in the development of a unit of work and learning center activities. The application of the curricular concepts and unitary procedure will be demonstrated in a required 30 hour field experience. Prerequisite: EDUC 0319.

EDUC 0308 EARLY CHILDHOOD CURRICULUM (3) Curriculum and principles of early childhood education for children with and without special needs are identified for students through lectures supported by observations and demonstrations. Curricular adaptations and relationships among the disciplines taught in early childhood are presented. A thirty hour (minimum) field placement is required. Prerequisite: EDUC 0319 or equivalent, or permission of instructor.

EDUC 0309 CHILDREN'S LITERATURE (3) This course is designed to provide teachers with a background of the major objectives and purposes for children's literature in today's classroom. Major emphasis will be given to a review of various types of children's literature, ways to share literature effectively with children, the use of media to encourage more reading, and to the establishment of library centers within the classroom setting. Areas of specialization such as award winning books, key illustrators, poetry, and traditional literature also will be included.

EDUC 0311 SOCIAL STUDIES IN THE ELEMENTARY SCHOOL (3) Requires students to examine actively the basic principles underlying Social Studies. It requires that students become aware of unifying concepts and generalizations related to the realities of how people live and interact. Examination of traditional and current Social Studies projects is a matter of concern. Concurrently, production of materials and use of procedures promoting apt combinations of cognitive affective and psychomotor behaviors are expected. Pre or corequisite: EDUC 0319.

EDUC 0314 CLASSROOM MANAGEMENT (3) An introduction to solving classroom management problems through an analysis of factors influencing student behavior. Specifically, the course examines classroom teaching practices that prevent behavior problems as well as methods for enhancing student social skills. Additionally, the course introduces procedures and practices that enable students to take responsibility for their behavior. The "Discipline Pyramid" serves as a model for integrating community, prevention, correction and conflict resolution into a comprehensive classroom management system. Cognitive-behavioral approaches are integrated with applied behavioral analysis, developmental theory, and psycho-educational strategies.

EDUC 0317 ANALYSIS AND CORRECTION OF READING DISABILITIES (WITH APPRENTICESHIP) (3) This course offers the prospective teacher the background, strategies, and materials for the diagnosis and remediation of reading difficulties. Topics will include the nature and causes of reading disabilities, diagnostic, and remediation strategies in the areas of phonemic awareness, word recognition, comprehension, meta-comprehension, improving meaning vocabulary, and guiding content area reading. Both formal and informal methods of diagnosis will be presented. The class will move from theory to practice in the course as each student begins a biweekly apprenticeship working individually with a remedial reader at a local school. The professor will be on site to support and model the various assessment and teaching strategies. This course is aligned with the subject matter regulations and professional standards for teachers as prescribed by the Massachusetts Department of Education. Prerequisites: EDUC 0303 and permission of the Professor.

EDUC 0318 READING IN THE CONTENT AREAS (3) Approaches reading as a tool in the content areas of the curricula. All of the major subject matter areas will be explored. The general reading abilities involved in these areas as well as the specialized reading needs will be examined. The objectives, techniques, procedures, and material will be identified and utilized. Designed for teachers in the intermediate- and secondary-level programs.

EDUC 0319 PRINCIPLES OF TEACHING AND LEARNING (3) Introduces students to planning procedures and methods leading to the creation of successful and appropriate learning with particular emphasis on creating developmentally appropriate lesson plans that are consistent with professional standards and state curriculum frameworks for early childhood and elementary educators. The course responds to four fundamental questions: How do children learn? What are we going to teach and why? How are we going to teach and why? How will we know that learning has occurred? The course specifically teaches modes of teaching, classroom interaction strategies, approaches to grouping, teaching diverse student populations, using instructional technology, and learning fundamental approaches to classroom assessment. Students will apply course acquired knowledge, skills, and dispositions in a required thirty hour field experience. Prerequisites: EDUC 0220, EDUC 0221, and PSYC 0202.

EDUC 0321 THE MIDDLE SCHOOL AND ITS STUDENTS (3) Research has indicated that middle school students have unique needs because of the rapid changes that occur during this age. This course is designed to help you understand the cognitive, physical, emotional, social and moral development of the early adolescent both with and without special needs. Understanding growth and development is the first step to designing a school that meets young adolescent needs. These needs must be translated into appropriate school practices in order for the middle school concept, interdisciplinary planning, team teaching, the integrated and integrative curriculum, cooperative learning, advisory groups, the exploratory curriculum, peer mediation, and appropriate instructional and classroom management strategies for the middle school student.

EDUC 0332 SEMINAR FOR THE VOCATIONAL TECHNICAL EDUCATOR (3) This course is designed to prepare new vocational technical teachers for her/his first teaching assignment. The course will identify the characteristics of an effective teacher as well as provide some of the tools required by first-year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/shop/laboratory climate that conveys high expectations. In addition, students will be able to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.

EDUC 0333 FIELD EXPERIENCE IN READING (3) This course requires 75 clock hours (for 3 credits) of supervised student teaching experience by a reading specialist in literacy instruction. Students will observe and participate in both formal and informal assessment procedures, instruct pupils using a variety of literacy methodologies, and prepare professional reports. This course is offered only to students in the reading minor/concentration program, by special arrangement with one of the reading faculty, and with special permission of the Education Department Chairperson. Prerequisite: EDUC 0303, EDUC 0305 and either EDUC 0335 or EDUC 0317.

EDUC 0334 WORD ANALYSIS AND COMPREHENSION STRATEGIES IN READING (3) Pre-service teachers will acquire strategies for teaching children to recognize and understand all aspects of words and to understand connected text. These skills and strategies include instruction in and diagnosis of phonological awareness, word recognition, structural analysis, analysis of multi-syllabic words, fluency and rate improvement; the derivation and elaboration of word meanings in isolation and in context, and the construction of meaning for connected texts. Pre/Co-requisite: EDUC 0303.

EDUC 0335 LITERACY INSTRUCTION FOR ENGLISH LANGUAGE LEARNERS (WITH APPRENTICESHIP) (3) In this course students study and develop techniques for implementing an individualized program in reading for English Language Learners. Literacy instruction will be based on formative and summative assessments of an elementary school child who is learning English as a second language. After a few weeks of classes, sessions will take place off campus at a Westfield elementary school. Teacher candidates will use a guide of ten questions about literacy development to assess an individual student's literacy strengths. Through the strengths of the individual learner, the teacher candidate will devise and implement literacy lessons within the "zone of proximal development" for the individual learner. The professor will be on hand during these coaching sessions to support the teacher candidate. Prerequisite: EDUC 0303 and permission of instructor.

EDUC 0336 PRACTICUM I: EARLY CHILDHOOD Pre K-2 (6) A minimum of 150 clock hours of supervised student teaching experience in grades Pre K-2. Guidelines for evaluation are identified in the Westfield State University Student Teaching Handbook.

EDUC 0337 PRACTICUM II: EARLY CHILDHOOD Pre K-2 (6) A minimum of 150 clock hours of supervised student teaching experience in grades Pre K 2. Guidelines for evaluation are identified in the Westfield State University Student Teaching Handbook.

EDUC 0338 PRACTICUM: ELEMENTARY (12) A minimum of 300 clock hours of supervised student teaching experience in grades 1 6. Guidelines for evaluation are identified in the Westfield State University Student Teaching Handbook.

EDUC 0343 APPRAISAL AND EVALUATION TECHNIQUES IN OCCUPATIONAL EDUCATION (3) Appraisal of the development and significance of educational measurements as they relate to the vocational school student. Emphasis on uses and limitations of standardized tests; construction, validation and limitations of classroom tests; analysis, interpretation, and utilization of test results.

EDUC 0344 DEVELOPING AND IMPLEMENTING A STANDARDS-BASED CURRICULUM IN VOCATIONAL TECHNICAL EDCUATION (3) Concepts relating to career education will be defined. Development activities relating to career education will be explored in order to enable students to implement curriculum through various areas of concentration. Through an integrated curriculum, learning activities which involve the occupational world and its facilities will be identified. (Pending Governance Approval)

EDUC 0351 TEACHING METHODS FOR VOCATIONAL TECHNICAL EDUCATION-INSTRUCTIONAL STRATEGIES (3) Covers theories, techniques of instruction, use of audio visual equipment, preparing lesson plans for class or unit, and evaluation of student learning.

EDUC 0354 EDUCATIONAL PLANNING AND EVALUATION: MIDDLE AND/OR SECONDARY SCHOOLS (3) Provides preparation for direct school experience at the secondary and/or middle level. Lesson plans, unit structures, methods and techniques of teaching, classroom management, test construction, interpretation and usage, and the standards for initial licensure, form the basis for this course. Thirty hours of field experience are required. Prerequisites: EDUC 0220 and EDUC 0221.

EDUC 0357 MANAGING STUDENT BEHAVIOR IN A HEALTHY AND SAFE ENVIRONMENT (3) Shop, academic, related classroom and cooperative placement sites; safety, priority population, developmental psychology with focus on adolescent psychology, learning styles, and disciplines.

EDUC 0358 TEACHING METHODS FOR VOCATIONAL TECHNICAL EDUCATION – EDUCATING AND ASSESSING THE VOCATIONAL TECHNICAL EDUCATION LEARNER (3) This course is designed to prepare vocational technical teachers with the knowledge and tools to instruct and assess the technical, academic, and employability skills of vocational technical education students. Students in this course will be able to identify, develop, and model appropriate learning activities and assessments for the vastly divergent student population in vocational-technical education.

EDUC 0360 SERVICE LEARNING PROJECT FOR EDUCATORS (3 or 6) Involves 120 hours (3 credits) or 240 hours (6 credits) of fieldwork in selected agencies, schools or organizations. The work is related to the occupational interests of the student but does not lead toward teacher licensure. Placement provides an opportunity for the student to apply and integrate the knowledge, attitudes and skills learned throughout their education courses. Note: This course is not a substitute for practicum (student teaching). It does not meet the practicum requirement(s) for initial teacher licensure. Prerequisite: Permission of instructor.

EDUC 0364 PRACTICUM: MIDDLE SCHOOL (6-12) A minimum of one hundred fifty (150) clock hours of supervised student teaching in a selected middle school for each 6 credits earned. Student teaching is under the joint supervision of an experienced cooperating practitioner and University supervisor. Prerequisite: Permission.

EDUC 0366 PRACTICUM: MIDDLE AND SECONDARY SCHOOL (6) A minimum of one hundred fifty clock hours of supervised student teaching in a selected middle school under the joint supervision of an experienced cooperating practitioner and University supervisor. Prerequisite: Permission.

EDUC 0369 PRACTICUM: SECONDARY SCHOOL (6-12) A minimum of one hundred fifty clock hours of supervised student teaching in a selected secondary school under the joint supervision of an experienced cooperating practitioner and University supervisor. Prerequisite: Permission.

EDUC 0370 SPEECH AND LANGUAGE PROBLEMS OF THE SPECIAL NEEDS CHILD (3) Normal speech and language expectancies. problems of the special needs child in language acquisition, speech and hearing mechanisms. Speech and language pathologies, their incidence and etiology, Regulations of "766" and "94 142" regarding speech and language habilitation of difficulties.

EDUC 0371 IDENTIFICATION, ASSESSMENT, PLANNING AND PROGRAMMING (Moderate Special Needs) (3) Curriculum resources, methods and materials for children with moderate special needs are developed on the basis of on going diagnosis. Thirty hours of field experience are required. Prerequisite: EDUC 0319 or EDUC 0354.

EDUC 0374 CAREER EDUCATION AND TRANSITION FOR STUDENTS WITH DISABILITIES (3) This course addresses appropriate transitional planning for adolescents having significant special needs as they prepare to move from educational systems to the adult service system. Inclusion of additional professionals from vocational rehabilitation, counseling, social work, and related areas in the established educational process will be studied. Specific focus will be on state-of-the-art approaches to transition and its impact on

urriculum. This course addresses the mandates of P.L. 98-199, MA Ch 688, nd P.L. 94-142.

DUC 0376 DEVELOPMENTAL DISABILITIES AND SELF-DE-ERMINATION (3) A developmental disability is a delay or failure progress through the normal developmental milestones of child-ood. The purpose of this course is to explore educational, social, and gal issues that affect the opportunities of developmentally disabled dividuals. Educational assessment and programming will focus on e developmental domains of motor, psycho-social, communication, gnitive functioning. A continuum of educational and community op-ons will be described in order to acquaint the student with the least strictive options needed to promote the growth of the developmen-lly disabled. Prerequisite: EDUC 0221.

DUC 0377 LEARNING DISABILITIES AND INSTRUCTIONAL TRATEGIES (3) Introduction to the history and current practices in e diagnosis and remediation of learning disabilities, major theories of iology, commonly used assessment instruments, and remedial materi-s and methods. Research findings, issues and controversies in the field ill be discussed. Prerequisite: EDUC 0221.

DUC 0378 BEHAVIOR SUPPORT FOR STUDENTS WITH EMO-IONAL/BEHAVIORAL DISORDERS (3) The focus of study is iden-fication, assessment, intervention, functional behavior assessments, nd the development of positive behavioral supports, including the se of behavior management principles, for students with emotion-l and behavioral disorders. The home, school, and community are onsidered in relation to the student's emotional and behavioral well-eing. Prerequisites: EDUC 0020 and EDUC 0221, or permission of nstructor.

DUC 0379 TEACHING METHODS FOR VOCATIONAL TECH-NICAL EDUCATION – USING RESEARCH-BASED PRACTICES O DEVELOP EFFECTIVE INSTRUCTIONAL STRATEGIES (3) his course is designed to provide vocational technical teachers with n understanding of brain functioning, learning styles, and instruction. ocational technical educators will learn how to develop an instruc-onal unit that focuses on readiness assessment, use of learning styles, ttention to whole-brain teaching, interpersonal skills, knowledge and kill assessment. (Pending Governance Approval)

DUC 0380 MULTICULTURAL EDUCATION (3) Discussion of hildren from various ethnic, cultural, and linguistic backgrounds in erms of their physical, social, emotional, economic, psychological, and ducational needs. Emphasis placed on causal factors as well as factors ffecting successful educational practice. Racial identity theories and heories of multicultural education will be also reviewed.

DUC 0381 EARLY INTERVENTION FOR YOUNG CHILDREN VITH SPECIAL NEEDS (3) The purpose of this course is to help stu-dents to gain an awareness of how early identification of developmen-al delays or disabilities, along with appropriate remediation measures, an be the most beneficial way to help children to develop. The course vill be divided into four main areas of study: rationale for early inter-ention and related legislation; research; case-find, screening, and diag-nosis; and intervention strategies and programs. Although the amount f the time spent in each area of study may vary, each area is of great mportance in developing an understanding of the field. Fifteen hours f field experience are required.

EDUC 0384 INTEGRATING VOCATIONAL AND ACADEMIC CURRICULA (3) Integrating vocational and academic curricula will e examined by reviewing its history, standard practices, and the cogni-tive science related to integration of subjects. Actual and hypothetical models will be studied. Students will develop an integrated education plan for a course, a program, or a school.

EDUC 0386 ACCOMMODATIONS AND SUPPORTS MEDI-CAL/SOCIAL/COMMUNICATION (3) This course is a systematic study of neurophysiological deviations that cause severe disabilities. Emphasis is also placed on method and techniques for increasing motivation and improving performance. Students will develop an understanding of concepts and procedures necessary to work coop-eratively with medical professionals, physical therapists, occupation therapists, communication specialists, and parents. Fifteen hours of field experience are required.

EDUC 0390 ADDRESSING THE NEEDS OF STUDNETS WITH DISABILITIES IN VOCATIONAL TECHNICAL EDUCATION (3) This course will provide vocational technical educators with an over-view of the Federal and State Special Education Laws and Regulations and how they are implemented in schools in Massachusetts. Students will learn about the elements of an Individualized Education Program (IEP) and the roles of special and general educators. Students will also learn how to design curriculum and instruction using the information on the IEP and how to modify their related classrooms and vocational technical shops/laboratories to accommodate students with disabilities. (Pending Governance Approval)

EDUC 0396 SEMINAR RECENT DEVELOPMENTS: COMPUT-ERS IN EDUCATION (3) This course requires no previous experience with computers and will be comprised of three major components: (a) an introduction to software tools for teachers, (b) exposure to and analysis of commercially available educational software and hardware, (c) an analysis of both practical and theoretical issues related to the use of microcomputers in education.

EDUC 0397 PRACTICUM: MODERATE SPECIAL NEEDS (12) For Pre-K-8: A minimum of 300 supervised hours in an inclusive general education setting or 75 supervised hours in an inclusive general educa-tion setting and 225 supervised hours in a separate or substantially separate setting for students with moderate disabilities.
For Grades 5-12: A minimum of 300 supervised hour in approved settings. A minimum of 150 hours in an academic major setting and minimum of 150 hours in an inclusive general education classroom or 75 hours in an inclusive general education classroom and 75 hours in a substantially separate setting for students with disabilities. Liberal Studies Majors complete a minimum of 300 hours entirely in special education settings.

EDUC 0398 SPECIAL TOPICS IN EDUCATION (3) An in-depth study of a limited or specialized area within the education field. Course content will vary according to the area of specialization of the instructor and the interest of the students. May be repeated if course content differs.

EDUC 0399 INDEPENDENT STUDY (3 9) Education majors are al-lowed to receive up to a maximum of nine academic credits, at the rate of three credits per semester, for engaging in independent study. Each study is taken as a part of a student's regular course load only. The student engaged in independent study will select and develop topics in the field of Education and related fields in cooperation with a professor from the Education department, and the approval of the chair.

English

English majors receive the Bachelor of Arts degree and choose from two distinct concentrations in Literature or Writing. In addition, the department also offers a Theatre Arts major also leading to the Bachelor of Arts degree. Students may earn provisional teaching licenses under the Literature/Secondary Education concentration. Non-majors also may include in their programs one or more of the department's three minors: Literature, Theatre, and Writing. Department courses afford opportunities for developing the crucial skills of analysis, synthesis, comprehensive and critical reading, extended and incisive writing, and clear thinking. In addition, English study provides, through rigorous analysis of major literary works, a unique experience in recognizing, evaluating, and articulating human values, motives, and qualities. Offerings in Theatre and Writing encourage students to develop their talents in theatrical performance and creative writing.

Westfield State University offers students of English a fully-equipped professional theater, access to the campus television and radio station, a weekly college newspaper, the latest computer equipment, and a literary magazine publishing outstanding student writing. A popular and successful feature in the department is its internship program whereby students gain valuable on-the-job experience with television and radio stations, newspapers, a professional theater, business organizations, and social services agencies.

Recent graduates majoring in English have accepted positions as teachers, reporters and editors, television staff members, theater directors, and corporate public relations officers. Some graduates have entered management training programs; others have gone on to graduate or professional schools.

FOR ALL ENGLISH MAJORS

1. A minimum of 39 credits is required within the English major.
2. Completion of at least two college semesters of one foreign language is required, unless during high school the student has (a) completed three years of study of one foreign language, or (b) completed two years of study in each of two foreign languages. A student may also satisfy the foreign language requirement by passing a proficiency examination designed nationally and administered locally.
3. Students who transfer into the English major from other institutions must complete 21 credit hours in English at Westfield State University.

Students may satisfy 3 of the required 6 credits in the Literary and Philosophical analysis area of the core with any of the courses on the following list. English Education students may satisfy all 6 of the required Literary and Philosophical analysis credits with courses from this list.

ENGL 0210 British Literature to 1603
ENGL 0211 British Literature 1603-1780
ENGL 0212 British Literature from 1780 to the Present
ENGL 0216 American Literature to 1865
ENGL 0217 American Literature since 1865
ENGL 0221 World Literature I
ENGL 0222 World Literature II

REQUIREMENTS FOR THE LITERATURE CONCENTRATION

The following courses are required of English majors, if they concentrate in Literature:

ENGL 0210 British Literature to 1603	(3)
ENGL 0211 British Literature 1603-1780 or	
ENGL 0212 British Literature from 1780 to the Present*	(3)
ENGL 0216 American Literature to 1865	(3)
ENGL 0217 American Literature since 1865	(3)
ENGL 0300 Development of the Novel	(3)
ENGL 0317 Shakespeare: Tragedies and Histories	(3)
ENGL 0348 History of the English Language	(3)
One 0200 or 0300-level writing course	(3)
One literature course in a genre, period, or author	(3)
Four additional 0300-level English electives	(12)

* If both ENGL 0211, British Literature 1603-1780, and ENGL 0212 British Literature from 1780 to the Present, are taken, one may be used as a 0300-level elective toward the major.

REQUIREMENTS FOR TEACHING ENGLISH IN MIDDLE AND SECONDARY SCHOOLS

The Westfield State University program for licensure of teachers of English has been recognized by the National Council of Teachers of English.

Students wishing to be licensed to teach English at the Middle or High School levels must complete the following:

Course work in the Major:
All required courses in the literature concentration

ENGL 0106 Principles of Grammar	(2-3)
ENGL 0221 World Literature I	(3)
ENGL 0327 Contemporary Cross-Cultural Literature**	(3)
ENGL 0338 Young Adult Literature in the ELA Classroom	(3)
ENGL 0383 Teaching of Writing	(3)
One 0200 or 0300-level writing course	(3)
One literature course in a genre, period, or author	(3)
Two additional 0300-level English electives	(6)

** Replaces EDUC 0380 for State diversity requirement for teachers of English

rofessional Sequence, Middle and Secondary Specialist:

ENGL 0350 Methods of Teaching English in Secondary, and/or Middle School	(3)
EDUC 0220 Schools in American Culture	(3)
EDUC 0221 Introduction to Students with Exceptional Learning Needs	(3)
EDUC 0321 Middle School and Its Students (Required only for Middle School Specialist)	(3)
PSYC 0203 Adolescent Development	(3)
EDUC 0354 Educational Planning and Evaluation for Middle and/or Secondary schools	(3)
EDUC 0364 (EDUC 0369, 0366) Middle (Secondary, Middle/Secondary) Practicum	(6)

ore:

PSYC 0101 Intro to Psychology (Prerequisite for PSYC 0203, Adolescent Development)	(3)
ENGL 0221 World Literature I	(3)

o be recommended for ENGL 0350, Methods of Teaching English, nd the teaching practicum, students must have a 2.7 cumulative aver- ge in courses counting toward the Literature Concentration, 24 com- leted credits in Literature, and permission of the Program Director r Chair.

tudent progress toward meeting Advanced Standing in Teacher Ed- cation is monitored at the end of the sophomore year (57 credits). lease see section on Licensure for Teacher Education.

n order to be eligible for student teaching, a student must have com- leted all required course and field work, have an overall GPA of 2.8 ncluding transfer work), and have a passing grade in the appropriate Massachusetts Tests for Educator Licensure (e.g., Communication and iteracy and subject matter test).

tudents strongly are encouraged to use English department advising naterials for information about recommended sequencing of required ourse work.

EQUIREMENTS FOR THE WRITING CONCENTRATION – 39 CREDITS

tudents completing the Writing Concentration take six courses or 18 redits in the Literature area, as defined below, and seven courses or 21 redits in the Writing area for a total of 39 credits.

ITERATURE (18)

ENGL 0210 British Literature to 1603	(3)
ENGL 0211 British Literature 1603-1780 **or**	
ENGL 0212 British Literature 1780 to Present	(3)
ENGL 0216 American Literature to 1865	(3)
ENGL 0217 American Literature since 1865	(3)

Any two of the following genre courses:

Poetry:

ENGL 0376 Modern British/American Poetry	(3)
ENGL 0382 Contemporary Poetry	(3)

Fiction:

ENGL 0300 Development of the Novel	(3)
ENGL 0311 British Novel	(3)
ENGL 0323 American Novel	(3)

Prose:

ENGL 0372 History of Prose	(3)
ENGL 0373 Literary Journalists	(3)

Drama:

ENGL 0287 World Drama	(3)
ENGL 0317 Shakespeare: Tragedies and Histories	(3)
ENGL 0318 Shakespeare: Comedies andRomances	(3)
ENGL 0364 American Drama	(3)
ENGL 0366 Drama of the Western World	(3)
ENGL 0370 Modern Drama	(3)

Film:

ENGL 0391 Special Studies in Film	(3)
ENGL 0393 History/Development of Motion Pictures	(3)

WRITING: A total of seven courses (21 credits) is required from the following categories. A minimum of one course per category is required. No more than a total of two courses may be taken from the "Rhetoric and Writing" category.

Creative Writing:

ENGL 0246 Creative Writing	(3)
ENGL 0335 Special Topics in Creative Writing: Topical Focus	(3)
ENGL 0340 Creative Non-Fiction	(3)
ENGL 0345 Writing Fiction	(3)
ENGL 0346 Writing Poetry	(3)
ENGL 0371 Playwriting	(3)
ENGL 0385 Screenwriting for Feature Films	(3)

Professional Writing:

ENGL 0275/COMM 0275 Journalism I	(3)
ENGL 0276 Writing about the Arts	(3)
ENGL 0285 Basics of Film Writing	(3)
ENGL 0331 Special Topics in Professional Writing	(3)
ENGL 0375/COMM 0375 Journalism II	(3)
ENGL 0377 Feature Writing	(3)
ENGL 0392 Business/Technical Writing	(3)
ENGL 0394 News Editing	(3)
ENGL 0395/COMM 0395 Sports Writing	(3)
COMM 0332 Scriptwriting	(3)

Rhetoric and Writing:

ENGL 0303/COMM 0303 Persuasive Communication	(3)
ENGL 0330 Introduction to Modern Literary Criticism	(3)
ENGL 0334 Special Topics in Rhetoric	(3)
ENGL 0347 Advanced Critical Writing	(3)
ENGL 0383 Teaching Writing: Issues in Rhetoric and Composition	(3)

Students may satisfy 3 of the required 6 credits in the Literary and Philosophical analysis area of the core with one of the following courses:

Literary and Philosophical Analysis: (3 out of 6 required credits)

ENGL 0210 British Literature to 1603	(3)
ENGL 0211 British Literature 1603-1780	(3)
ENGL 0212 British Literature From 1780 to Present	(3)
ENGL 0216 American Literature to 1865	(3)
ENGL 0217 American Literature since 1865	(3)
ENGL 0221 World Literature I	(3)
ENGL 0222 World Literature II	(3)

PRACTICUM

Of special interest to English majors is the Practicum in English, ENGL 0380, the counterpart to student teaching for students who intend to apply the English major in a variety of occupational settings. Through the Practicum, seniors can earn 3-12 college credits for on or off-campus work experience. Such experiences are often the beginning of lifetime vocational decisions and an added resource to help compete in the job search.

MINORS IN ENGLISH

Transfer students must complete 9 credits at Westfield, with 6 credits taken at the 0300 level.

REQUIREMENTS FOR THE LITERATURE MINOR – 18 CREDITS

Students take 18 credits made up of the following courses:

ENGL 0210 British Literature to 1603 **or**	
ENGL 0211 British Literature 1603-1780 **or**	
ENGL 0212 British Literature 1780 to Present	(3)
ENGL 0216 American Literature to 1865 **or**	
ENGL 0217 American Literature since 1865	(3)
One 3-credit course focusing on literature before 1800, selected from the following list:	
ENGL 0210 British Literature to 1603	(3)
ENGL 0211 British Literature 1603-1780	(3)
ENGL 0221 World Literature to 1750	(3)
ENGL 0228 Introduction to Shakespeare	(3)
ENGL 0317 Shakespeare: Tragedies and Histories	(3)
ENGL 0318 Shakespeare: Comedies and Romances	(3)
Other Special Topics or period course focused on pre-1800 literature	(3)
Any other 0300-level literature course	(3)
Additional 0200- or 0300-level literature courses, (one of which may be ENGL 0213 or ENGL 0215, courses designed specifically for non-majors)	(6)

REQUIREMENTS FOR THE WRITING MINOR – 18 CREDITS

Writing students take any combination of 18 credits from the following lists. At least 12 credits must be taken within the English department.

Creative Writing:

ENGL 0246 Creative Writing	(3)
ENGL 0335 Special Topics in Creative Writing Topical Focus	(3)
ENGL 0340 Creative Non-Fiction	(3)
ENGL 0345 Writing Fiction	(3)
ENGL 0346 Writing Poetry	(3)
ENGL 0371 Playwriting	(3)
ENGL 0385 Screenwriting for Feature Films	(3)

Professional Writing:

ENGL/COMM 0275 Journalism I	(3)
ENGL 0276 Writing about the Arts	(3)
ENGL 0285 Basics of Film Writing	(3)
ENGL 0331 Special Topics in Professional Writing	(3)
ENGL/COMM 0375 Journalism II	(3)
ENGL/COMM 0377 Feature Writing	(3)
ENGL 0392 Business and Technical Writing	(3)
ENGL 0394 News Editing	(3)
ENGL/COMM 0395 Sports Writing	(3)
COMM 0332 Scriptwriting	(3)

Rhetoric and Writing:

ENGL/COMM 0303 Persuasive Communication	(3)
ENGL 0330 Introduction to Modern Literary Criticism	(3)
ENGL 0334 Special Topics in Rhetoric	(3)
ENGL 0347 Advanced Critical Writing	(3)
ENGL 0383 Teaching Writing: Issues in Rhetoric and Composition	(3)
ENGL 0388 Special Topics in Writing	(3)

REQUIREMENTS FOR THE THEATRE ARTS MAJOR – 52 CREDITS

The major in Theatre Arts is designed to provide students with a fundamentally sound and well-rounded bachelor of arts education and training in theatre and in its related arts of performance and design. It is the objective of the Theatre Arts Program to instill in students an abiding respect for theatre as an historical and cultural institution; to enhance their appreciation of theatre's significant role in a society's social, political, and cultural life; and to prepare students for the world of professional theatre and for graduate study. The bachelor of arts in Theatre Arts degree requires 52 credit hours of study, which includes 15 credit hours in one of three tracks of study: Performance, Design/Technology, or Theatre Studies. The Theatre Studies track gives students the opportunity to fashion their own areas of focus in consultation with a theatre advisor. In addition to its curricular requirements, the Program provides students with practical experience in all aspects of theatre production as part of their educational experience. The creative process, a professional attitude and work ethic, and artistic integrity are the emphases of all theatre production courses. Theatre majors are also required to fulfill the English department's foreign language requirement.

REQUIRED THEATRE ARTS CORE CURRICULUM (37):

ENGL 0287 World Drama	(3)
ENGL 0365 Dramatic Theory and Criticism	(3)
THEA 0151 Introduction to Performance	(3)
THEA 0152 Scenography	(3)
THEA 0251 Theatre Management	(3)
THEA 0260 Script Analysis and Interpretation	(3)
THEA 0261 Theatre History: Early Stages	(3)
THEA 0353 Theatre Workshop **or**	
THEA 0360 Theatre Production	(6)
THEA 0380 Professional Theatre Seminar	(1)

Select one course from each category, A, B, and C:

THEA 0262 Theatre History: Renaissance to Romanticism **or**
THEA 0263 Theatre History: The Modern Stage (3)

ENGL 0317 Shakespeare: Tragedies and Histories **or**
ENGL 0318 Shakespeare: Comedies and Romances (3)

ENGL 0364 American Drama **or**
ENGL 0366 Drama of the Western World **or**
ENGL 0370 Modern Drama (3)

RACKS OF STUDY:
heater Arts majors are required to select one of the following tracks complete the major requirements.

ERFORMANCE TRACK (15) – Select five of the following:
ENGL 0371 Playwriting (3)
THEA 0121 Acting Styles: Techniques, Theory & Practice (3)
THEA 0252 Acting I (3)
THEA 0255 Directing I (3)
THEA 0357 Acting II (3)
THEA 0359 Acting for Film and Television (3)
THEA 0368 Directing II (3)

ESIGN/TECHNOLOGY TRACK (15)
THEA 0343 Sound Design for Theatre (3)
THEA 0354 Costume Design (3)
THEA 0356 Stagecraft Techniques (3)
THEA 0389 Scene Design (3)
THEA 0390 Lighting Design (3)

HEATRE STUDIES TRACK (15)
udents must consult with a Theatre Arts program advisor in choosing eir courses, in order to insure sufficient breadth and balance within e concentration. Courses may be selected from the Performance and esign/Technology tracks, the approved Theatre elective courses list, nd any in the Theatre major core requirements list that are not being sed to fulfill the requirements of that area. This track is recommended r students interested in pursuing one of the Massachusetts Depart- ent of Education's alternative routes to licensure in Theatre.

PPROVED THEATRE ELECTIVE COURSES
udents may petition to substitute courses from this list of electives to tisfy the core curriculum or the Performance or Design/Technology ack requirements. Approval will be granted by the student's faculty dvisor and the department chair, provided such substitutions satisfy e depth, breadth, and specificity of study required by the Theatre rts program.

ART 0103 Drawing I (3)
ART 0104 Design Fundamentals (3)
ART 0106 Art Surve: Prehistoric to Middle Ages (3)
ART 0107 Art Survey: Renaissance to Present (3)
COMM 0101 Introduction to Communication (3)
COMM 0332 Writing for Electronic Media (3)
ENGL 0276 Writing about the Arts (3)
ENGL 0285 Basics of Film Writing (3)
ENGL 0367 Film Theory and Criticism (3)
ENGL 0385 Screenwriting for Feature Film (3)
ENGL 0391 Special Studies in Film (3)
ENGL 0393 History & Development of Motion Pictures (3)
MUSC 0101 Music Appreciation (3)
MUSC 0160 History of Jazz (3)
MUSC 0200 Music History I (3)
MUSC 0201 Music History II (3)
THEA 0350 Dramaturgy (3)
THEA 0358 Production Seminar* (3)
THEA 0360 Theatre Production (6)
THEA 0362 Research Seminar in Theatre (3)
THEA 0398 Internship in the Theatre (3-12)
THEA 0399 Independent Study (3-6)

* May be taken up to eight times for credit

REQUIREMENTS FOR THE THEATRE MINOR (21)
One course from each of the following areas:

A) Theatre History:
THEA 0104 Introduction to Theatre (3)
THEA 0261 Theatre History: Early Stages (3)
THEA 0262 Theatre History: Renaissance to Romanticism (3)
THEA 0263 Theatre History: The Modern Stage (3)

B) Dramatic Literature:
ENGL 0287 World Drama (3)
ENGL 0317 Shakespeare: Tragedies and Histories (3)
ENGL 0318 Shakespeare: Comedies and Romances (3)
ENGL 0364 American Drama (3)
ENGL 0366 Drama of the Western World (3)
ENGL 0370 Modern Drama (3)

C) Performance
THEA 0121 Acting Styles: Techniques, Theory and Practice (3)
THEA 0151 Introduction to Performance
THEA 0252 Acting I (3)
THEA 0255 Directing I (3)
THEA 0257 Acting II (3)
THEA 0358 Production Seminar (3)
THEA 0359 Acting for Film and Television (3)
THEA 0368 Directing II (3)

D) Design:
THEA 0152 Scenography (3)
THEA 0343 Sound Design for Theatre (3)
THEA 0354 Costume Design (3)
THEA 0389 Scene Design (3)
THEA 0390 Lighting Design (3)

E) Technical Theatre:
THEA 0353 Theatre Workshop (6)*
THEA 0356 Stagecraft Techniques (3)
THEA 0360 Theatre Production (6)

Electives
Students must take one or two additional elective theatre courses - as necessary to achieve the required 21 credit hours - to be chosen from the Required Theatre Arts Core Curriculum, from the Tracks of Study or from the Approved Theatre Arts Elective Courses.

MINOR IN FILM STUDIES

The Film Studies minor promotes the interdisciplinary examination of film as a unique media form with its own particular history, narrative elements, industrial structure, and profound political and cultural importance in contemporary society. The goal of this program is to enable students to think critically about the usual modes of consumption through which film is typically received as popular entertainment.

The cornerstone of the program is a required lower-division course introducing the study and discussion of film through recognition and awareness of its various compositional elements and the specific terminology used in film studies. Through a variety of interdisciplinary courses in film, students will acquire an understanding of film theory and the ability to read film as primary material for analysis through such disciplines as film theory, literary theory, philosophy, political science, history, foreign languages, cultural studies and others.

Students completing a Film Studies minor will complement their majors with a basic understanding of film as an art form and a powerful medium of social provocation. They will understand the social, historic, and economic contexts for film, as well as the nature of mainstream film production and distribution, and issues surrounding the burgeoning growth of alternative film, international film, documentary film, art film, video art, and Internet distribution. Along with canonical and top-grossing film, curriculum will include smaller movies made by and for specific interest groups, such as ethnic, sexual, religious, or political minorities.

Perhaps most importantly, the Film Studies minor will provide students with the tools to analyze and reconsider film from a number of critical and creative perspectives, broadening their ability to appreciate, interrogate, and comprehend the most popular art from of the last century.

REQUIREMENTS FOR THE FILM STUDIES MINOR - 18 CREDITS

Required Course

ENGL/COMM 0108 Introduction to Film	(3)

Elective Courses - 15 credits

At least one 300-level course is required to complete the minor

COMM 0206 Introduction to Video Production	(3)
COMM 0212 Film and Gender	(3)
COMM 0213 World Cinema/Global Film	(3)
COMM 0214 Topics in Film	(1-3)
COMM 0302 Advanced Video Production	(3)
COMM 0332 Scriptwriting	(3)
ENGL 0285 Basics of Film Writing	(3)
ENGL 0367 Film Theory and Criticism	(3)
ENGL 0385 Screenwriting for Feature Film	(3)
ENGL 0391 Special Studies in Film	(3)
ENGL 0393 History and Development of Motion Pictures	(3)
PHIL 0217 Political Philosophy and Film	(3)
POLS 0323 US Politics in Film	(3)

Courses

COMPOSITION, WRITING, AND LITERATURE

ENGL 0100 LEARNING ENGLISH AS A SECOND LANGUAGE (0) Designed to teach English language skills to students whose native language is not English. A thorough study is made of the American English sound system, sentence patterns, vocabulary, transforms, and modification. In addition, students will have an opportunity to study American culture through language habits.

ENGL 0101 ENGLISH COMPOSITION I (3) A writing-intensive course that provides instruction in the process of composing academic essays. Students strengthen techniques in three stages – prewriting, drafting and revising – in order to compose well-structured papers written in proficient English. This course covers the fundamentals of rhetoric, research methods, critical reading of texts, and sentence and paragraph development. Writers compose at least six essays, of which some are research-based. All students must take this course the first semester of their first year. STUDENTS MAY DROP THIS COURSE ONLY UNDER EXTRAORDINARY CIRCUMSTANCES AND WITH THE SPECIAL PERMISSION OF THE WRITING COORDINATOR.

ENGL 0102 ENGLISH COMPOSITION II: WRITING ABOUT TEXTS (3) A course that uses critical inquiry to examine and write about a range of genres (e.g. fiction, non-fiction, poetry, essays, novels, literary nonfiction, advertisements, film, on-line texts). ENGL 0102 continues to facilitate writing strategies introduced in ENGL 0101 and provides instruction in research methods. Students will write one or more papers with documentation. Because many of these courses have a specific theme and/or are part of an integrated learning community or linked with a course from another discipline, students need to exercise care and examine options when choosing sections. SUCCESSFUL COMPLETION OF THIS COURSE IS A PREREQUISITE FOR ALL 200- AND 300-LEVEL ENGLISH COURSES OFFERED. ENGL 0102 must be taken during the second semester of the first year. STUDENTS MAY DROP THIS COURSE ONLY UNDER EXTRAORDINARY CIRCUMSTANCES AND WITH THE SPECIAL PERMISSION OF THE COMPOSITION COORDINATOR. Prerequisite: ENGL 0101.

ENGL 0103 SPEECH (3) A course that gives students an opportunity to practice the fundamental principles of oral communication. It includes experience in organizing and delivering various kinds of talks, participating in group and panel discussions, and evaluating speech habits. Voice quality, articulation and pronunciation are studied.

ENGL 0105 ENGLISH COMPOSITION I SEMINAR (HONORS) (3) Students with outstanding writing ability will analyze and employ rhetorical strategies through classroom discussion and expository writing. Permission of instructor. This course fulfills the ENGL 0101 core requirement.

NGL 0106 PRINCIPLES AND APPLICATIONS OF GRAMMAR (2-3) esigned for but not limited to students who have completed English Com- sition I but who need or want better understanding of and improvement grammar, usage and mechanics. Reviews standard English principles and ıctice in fundamental areas such as sentence types and structures, clauses, odification, case, agreement, and punctuation. Meets for 150 minutes a ek for two-thirds of the semester for two academic credits. The last third the semester is optional for students who have completed the first part of course and who want to practice applying grammatical principles in their iting for one credit.

NGL 0108 INTRODUCTION TO FILM (3) Examines the aesthetic ments of film including cinematography, editing, sound, script, act- , direction, and mise-en-scene. The study of film also may include ntexts such as cultural roles, genre, political issues, economics, and tory.

NGL 0110 ENGLISH COMPOSITION II SEMINAR (HONORS) For students who have been invited from ENGL 0105 or who have n recommended by their ENGL 0101 instructors. Students focus the critical and appreciative reading of poetry, fiction, drama, and essay, and on interpretive and analytical writing about literature. chniques of research are discussed and practiced. This course fulfills ENGL 0102 core requirement.

GL 0200 WRITING FOR TEACHER CANDIDATES (3) Writing iew for education majors is designed for teacher education students o show a need for improved skills in writing academic arguments l summaries. Aspects of writing such as structure and grammar will o be reviewed. Education program majors who do not earn a 2.8 English Composition I and English Composition II are required to e this course.

GL 0201 WRITING WORKSHOP (1-3) Designed for students in majors, the workshop will develop skills in rhetorical techniques l provide practice in specific types of expository writing appropriate many disciplines.

GL 0208 GREAT BOOKS I, II, III (1-3) Designed for non-English jors, this course will focus on one great work of literature for each rd of the semester (4-5 weeks), with a total of three works covered, e in each of three self-contained units. Students may sign up for one three credits depending upon how long they intend to remain in the urse. Prerequisite: ENGL 0102.

GL 0210 BRITISH LITERATURE TO 1603 (3) Exploration of British ssics prior to the seventeenth century, including Beowulf, Chaucer, and akespeare, in their social and historical contexts. This course emphasizes ntifying the connections between literature, history, philosophy, and the s. Literary and intellectual currents of Medieval feudalism and Renaissance manism are examined closely. Essential for the serious student of literature l required of all English majors. Prerequisites: ENGL 0101 and ENGL 0102.

GL 0211 BRITISH LITERATURE 1603-1780 (3) Students read itish classics from the seventeenth century through the period of Pre-Romantics, by authors such as Shakespeare, Milton, Dryden, pe, and Swift. This course emphasizes identifying the connections tween literature, history, philosophy, and the arts. Literary and intel- tual currents of the Renaissance, the Enlightenment, and the Age Sensibility are closely examined. Essential for the serious student literature, and required of all English majors. Prerequisites: ENGL 01 and ENGL 0102.

ENGL 0212 BRITISH LITERATURE FROM 1780 TO THE PRESENT (3) Students read British classics from the late eighteenth century to the present, by authors such as Blake, Wordsworth, Coleridge, Mary Shelley, Dickens, Lawrence, and Woolf. This course emphasizes identifying the connections between literature, history, philosophy, and the arts. Literary and intellectual currents of the Romantic, Victorian, and post-war periods are examined closely. Essential for the serious student of literature and required of all English majors. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0213 INTRODUCTION TO BRITISH LITERATURE (3) Introduces students to a range of British literary texts representing various genres and time periods. Students develop skills that will enable them to read British literature with greater pleasure and understanding. The interrelations of literature, the arts, and social history receive considerable attention. Course readings may focus on a shared theme(s). Intended for non-English majors, this course does not satisfy English major requirements. English majors should instead take required British Literature surveys. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0215 INTRODUCTION TO AMERICAN LITERATURE (3) Introduces students to a range of American literary texts representing various genres and time periods. Students develop skills that will enable them to read American literature with greater pleasure and understanding. The interrelations of literature, the arts, and social history receive considerable attention. Course readings may focus on a shared theme(s). Intended for non-English majors, this course does not satisfy English major requirements. English majors should instead take required American literature surveys. Prerequisite: ENGL 0101 and ENGL 0102.

ENGL 0216 AMERICAN LITERATURE TO 1865 (3) This survey course introduces students to writings from the time of exploration to the Civil War. Students explore the diversity of literary expression in the early period, through readings of genres such as travel journals, captivity narratives, Puritan poetry, Native American oral narratives, sermons and slave narratives; students then study the development of the novel and the emergence of distinctive poetic voices in the nineteenth century. The course considers literature in relation to such artistic, historical, and cultural topics as contacts between diverse cultures, social reform movements, transcendentalism, and sentimentalism. Intended for serious students of literature, and required of all English majors. Prerequisite: ENGL 0101 and ENGL 0102.

ENGL 0217 AMERICAN LITERATURE SINCE 1865 (3) This survey course introduces students to the expansive range of works comprising American literature from 1865 to the present. Students explore diverse voices, genres, and themes that offer a vision of America's complex plurality. The course considers literature in relation to such artistic, historical, and cultural topics as regionalism, naturalism, realism, feminism, the Harlem Renaissance, developments in poetry, modernism, postmodernism, experimentation, civil rights movements, ethnic identity, and multiculturalism. Intended for serious students of literature, and required of all English majors. Prerequisite: ENGL 0101 and ENGL 0102.

ENGL 0221 WORLD LITERATURE I (3) A comparative study of non-western and western literary works from at least three disparate regions of the world, ranging from antiquity to the 18th century. Readings will include prose fiction, plays, poems, and selections from epics. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0222 WORLD LITERATURE II (3) A comparative study of non-western and western works from at least three disparate regions of the world, demonstrating varieties of romanticism, realism, modernism, and postmodernism. Students consider works' intrinsic merits and values as well as their historical and cultural contexts, and learn various critical approaches, such as new criticism, feminism, and reader-centered methods. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0223 THE BIBLE AS LITERATURE (3) An exploration of major Biblical themes and ideas, such as origins, covenant, and sacrifice, and of literary genres found in the Bible, such as proverbs, parables, and poems. Attention will also be given to issues concerning how the Bible is understood in light of the contributions of fields such as ancient history, art history, and philosophy.

ENGL 0224 WORLD ETHNIC LITERATURE (3) Explores the literature of a particular people, nation, or region of the world. Literary works are considered against the background of the group's culture, traditions, and history. Emphasis is designated each semester by a subtitle. Course may be taken more than once if topics are different. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0225 THE SHORT STORY (3) Extensive readings of short stories of various periods representing different countries. Special attention is given to the theme and form of each story.

ENGL 0227 CONTEMPORARY LITERATURE (3) A study of various types of international literature since World War II and the influence of the period on such literature. Plays, different forms of fiction, and poetry are read and discussed.

ENGL 0228 INTRODUCTION TO SHAKESPEARE (3) Students gain a basic understanding and appreciation of Shakespeare as a theatre artist and poet by reading selected plays by Shakespeare. Focus is on Shakespeare's themes, poetry, theatre, times, dramatic genres, and characters. No student may receive credit for this course if credit is received for either ENGL 0317 or ENGL 0318. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0240 CULTURAL STUDIES (3) The study of American culture through the study of various art forms, such as literature, film, music, visual arts, television, and performance in an interdisciplinary context with an emphasis on critical analysis of cultural texts and events from multiple perspectives including differences in race, class, and gender. This course is always offered with a particular focus, such as an historical period, a current topic, or a specific theoretical approach. Issues of formal differences, varied multicultural and multi-ethnic reception, and universal human response are considered as the class acquires a critical vocabulary. Students will also enter the creative process and explore first-hand the different attributes of some of the genres studied.

ENGL 0246 CREATIVE WRITING (3) For qualified students interested in identifying and developing their special writing abilities. The techniques of writing fiction, drama, and verse will be studied. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0275 JOURNALISM I (3) An introduction to print journalism. Students find out how to report and operate a newspaper by gathering information and writing stories. Reporters develop techniques, learn to write various types of beat and specialty reports, concentrate on meeting deadlines, and discuss libel law and ethical issues. Students write at least six articles. Prerequisites:ENGL 0101 and ENGL 0102.

ENGL 0276 WRITING ABOUT THE ARTS (3) An introduction to the techniques of reviewing and criticizing the arts. Students will read classic and contemporary reviews of drama, film, dance, architecture, painting, literature, and music, and will review various contemporary works and performances. The course will be useful for students who would like a better understanding of aesthetics, of the contemporary arts, and of the techniques of effective writing. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0285 BASICS OF FILM WRITING (3) This course will introduce students to screenwriting. They first will learn the syntax of film–the various kinds of shots and how those shots can be combined to create meaning or to tell a story. They will then learn how their own ideas can be transcribed into scripts. They will try their hands at three of the main modes of screenwriting: each student will write a brief documentary, and adaptation, and an original story. Students also will screen and discuss examples of these three kinds of movies. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0287 WORLD DRAMA (3) This course deals mainly with discussion, interpretation, and critical evaluation of selective texts from the world's drama (from the Greeks to the present) emphasizing genres and periods. Consideration also will be given to the ideas, structures, styles, and techniques of dramatic literature. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0300 DEVELOPMENT OF THE NOVEL (3) A reading of exemplary models of the genre by early to modern writers, such as Richardson, Fielding, Austen, Dickens, Dostoevsky, Flaubert, Joyce and Faulkner. Origins, theory, and shaping influences in the development of the novel will be considered. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0301 TUTORING WRITING (2-3) Designed for students from all disciplines, this course will teach students to help their peers - now and in the future - with writing projects. The course will suit those interested in working as tutors or teachers and those interested in pursuing a career that involves writing and/or collaboration. Students will focus on improving their abilities to read, evaluate, and respond verbally to drafts. To this end, students will practice unpacking writing assignments, analyzing texts in different genres and disciplines, and providing feedback to one another. Students will also complete a number of formal and informal writing assignments, such as journal entries, a project proposal, and a research paper. Students enrolled n Tutoring Writing for two credits will not be expected to write the research essay and will complete the course by the first week in Novem-

r. Prerequisites: ENGL 0101 and ENGL 0102, sophomore or junior nding, a 4-10 page writing sample, and permission of the instructor.

NGL 0303 PERSUASIVE COMMUNICATION (3) Introduces idents to the study of rhetoric and the characteristics of persuasive scourse. Theories, principles, and methods of persuasion, from clas-al to contemporary, will be discussed. Topics explored include ethi-l issues, types of evidence, and the persuasive use of language and mbols. Students will have the opportunity to analyze and construct a riety of persuasive messages, such as editorials, speeches, and media mpaigns. Prerequisites: ENGL 0101 and ENGL 0102.

NGL 0311 THE BRITISH NOVEL (3) A study of the development the novel as a genre, its literary origins and its relationship to society. eadings begin with 18th-century novelists such as Defoe, Richardson, elding, Smollett, and Sterne and continue with 19th-century repre-ntatives: Austen, Dickens, Eliot, Hardy, and Conrad. Prerequisites: NGL 0101 and ENGL 0102.

NGL/EGST 0312 QUEER LITERATURES AND THEORY (3) In-oduces the field of queer theory as a framework for approaching lit-ary texts by and about GLBT individuals that explore and challenge emingly stable identity categories of gender and sexuality and their tersections with race, class, and ability. Recognizing queer theory's ots in social activism, GLBT social movements, history, culture, and entity, participants will explore some of the major critical trends in ueer theory. Particular attention will be paid to literary texts and un-erstanding the socio-cultural frameworks within which they are pro-uced, with consideration of issues such as global diversity, oppression, d social activism. Prerequisites: ENGL 0101 and ENGL 0102.

NGL 0313 MEDIEVAL ENGLISH LITERATURE (3) A study of the utstanding English literature of the eighth through fifteenth centuries. oems, dramas, sermons, and other prose works will be studied in their erary and historical traditions perspectives. Prerequisites: ENGL 01 and ENGL 0102.

NGL 0314 MILTON (3) A study of the man and his works including radise Lost and selected poetry and prose. Prerequisites: ENGL 0101 d ENGL 0102.

NGL 0317 SHAKESPEARE: TRAGEDIES AND HISTORIES (3) A udy of the tragedies and histories of Shakespeare including some con-leration of his sources, his use of Elizabethan ideas, and his theatre. erequisites: ENGL 0101 and ENGL 0102.

NGL 0318 SHAKESPEARE: COMEDIES AND ROMANCES (3) study of the comedies and romances, including some consideration Shakespeare's sources, his use of Elizabethan ideas, and his theatre. erequisites: ENGL 0101 and ENGL 0102.

NGL 0319 VICTORIAN LITERATURE (3) A study of literary responses to e impact of industrialism, science, and modernism upon England's society d culture between 1830 and 1900. Readings include: Carlyle, Ruskin, New-an, Mill, Tennyson, Browning, Arnold, Dickens, Eliot. Prerequisites: ENGL 01 and ENGL 0102.

NGL 0323 THE AMERICAN NOVEL (3) Readings will include at ast one major work of fiction by each member of a selected group of merican novelists from the mid-nineteenth century to the present day. erequisites: ENGL 0101 and ENGL 0102.

NGL 0324 BLACK AMERICAN LITERATURE (3) A study of significant works by black American writers drawn from various genres and periods and considered in the historical and cultural contexts of black experience. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0326 WOMEN WRITERS (3) An exploration of diverse portraits of women in literature written by women that furthers understanding of the social values and critical concepts central to these works. This course also examines the history of ideas, stereotypical images and changing perspectives pertinent to women's issues. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0327 CONTEMPORARY CROSS-CULTURAL LITERATURE (3) A comparative study of contemporary Non-Western literature from regions such as Africa, the Middle East, Latin America, and Asia. Works from various genres will be considered in the context of their cultural implications as well as their distinctive literary features. Selections from Western literature may also be included for comparison. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0328 ETHNIC LITERATURE OF THE UNITED STATES (3) Explores the literature of a particular group or region of the United States. Literary works are considered against the background of the group's culture, traditions, and history. Emphasis is designated each semester by a subtitle. Course may be taken more than once if topics are different. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0330 AN INTRODUCTION TO MODERN LITERARY CRITICISM (3) Examines significant types of literary criticism from classical theories to contemporary critical approaches. Among the types of criticism that may be included are New Criticism, Myth and Archetype, Freudianism, Structuralism, Deconstruction, Semiotics, and Feminism. Emphasis will be on the application of theories to specific literary texts. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0331 SPECIAL TOPICS IN PROFESSIONAL WRITING (3) This course allows students to concentrate on development of professional writing for non-journalistic purposes, including specific applications of business and technical writing such as grant writing, writing internet content, writing procedures and regulations, or cross-disciplinary courses on turning data (financial, scientific, demographic) into words. The course will be offered with a topical focus. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0332 ROMANTIC LITERATURE (3) A study of the prose and poetry of the major writers of the Romantic Age. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0334 SPECIAL TOPICS IN RHETORIC (3) Investigates selected issues, problems, periods, schools of thought, theorists, or concepts in rhetoric, such as Aristotle's rhetoric, the rhetoric of science and technology, feminist rhetoric, contemporary rhetorical theory, history of rhetoric, and rhetoric of the environment. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0335 SPECIAL TOPICS IN CREATIVE WRITING (3) This course allows students to concentrate on development of writing in particular forms, genres, or a topical focus, depending on the semester. Possible focuses might be the long poem, comedy, crime fiction, experimental fiction, the tragic screenplay, or a sustained creative thesis. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0338 YOUNG ADULT LITERATURE IN THE ELA CLASS-

ROOM (3) A detailed examination of the teaching of literature in the junior and senior high schools, with emphasis on literature written expressly for adolescents. Attention will also be given to related matters: 1. the objectives and functions of literature study; 2. a pedagogical approach to major genres; 3. new approaches to literature study; 4. methods of teaching reading. In short, this course ought to aid teachers who wish to improve the way they teach literature to their students. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0339 LITERATURE OF THE EIGHTEENTH CENTURY (3) Students read the literary genres popular in the Age of Reason, including satires, essays and poems by major writers such as Pope, Swift, Johnson, Wollstonecraft, Smart, and Burns. The importance of both letter-writing and conversation in the social and artistic life of the period receives considerable attention. Prerequisites:ENGL 0101 **and** ENGL 0102.

ENGL 0340 CREATIVE NON-FICTION (3) A course exploring the art of writing traditional and experimental essays, memoir, vignettes, and profiles. Students will have the opportunity to write within a variety of fields, such as science, nature, history, and psychology. A mixture of literature and journalism, "Creative Non-Fiction" explores the power of style as it helps students more fully develop their prose voices. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0341 SEMINAR IN MAJOR BRITISH AND AMERICAN AUTHORS (3) A study of significant works by major literary figures. Each seminar will feature the works of one or two literary figures. The names of the figures will be announced in advance of the seminar and will be included in the course title. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0344 STUDIES IN SATIRE (3) An exploration of the delights and dangers of satiric writing. Readings include such writers as Horace, Juvenal, Swift and Twain, as well as contemporary satirists. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0345 WRITING FICTION (3) Advanced workshop in fiction. Emphasis on discovery of individual style, mastery of traditional forms and techniques, and exploration beyond conventions. Special attention given to organic development of theme and postmodernist innovations. Prerequisite: ENGL 0246 **or** permission of the instructor.

ENGL 0346 WRITING POETRY (3) Advanced workshop in poetry. Emphasis on discovery of the individual voice, mastery of traditional forms and techniques, and exploration beyond conventions. Special attention given to imagery, uses of the subconscious, and the poetic sequence. Prerequisite: ENGL 0246 or permission of the instructor.

ENGL 0347 ADVANCED CRITICAL WRITING (3) Designed to develop formal writing ability on scholarly topics. Intensive library research will precede all writings. The goal of the course is to provide students with the research and writing skills necessary in the preparation of papers of publishable quality. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0348 HISTORY OF THE ENGLISH LANGUAGE (3) The course traces the development of the English language from its beginnings to the present. How did the structure, sounds and meaning of our language change? What forces influenced these changes? The course explores such topics as: the influence of Romans, Vikings, and other groups; the impact of the Norman Conquest and the invention of the printing press; and the work of significant linguists and lexicographers such as Noah Webster. Prerequisites:ENGL 0101 **and** ENGL 0102.

ENGL 0350 METHODS OF TEACHING ENGLISH IN THE SECONDARY AND/OR MIDDLE SCHOOL (3) Preparation for teaching English in secondary, middle, or secondary and middle school through the following: study and observation of school structures, procedures, and teaching techniques; evaluation and selection of appropriate material for secondary/middle school students; preparation of lesson and unit plans; presentation of lessons; construction of tests; and evaluation of student writing. Course requires a thirty hour field placement. Prerequisites: 24 credits in the literature concentration **and** permission of the instructor.

ENGL 0363 METHODS OF TEACHING THEATRE ARTS (3) Designed to prepare students seeking licensure in Communication and the Theatre Arts. Skills in critical, technical, and performing areas will be applied in a series of model productions and classes for different school levels. Students will observe and assist teachers in the appropriate areas. Course requires a thirty hour field placement. Prerequisite: Permission of instructor only. Students must have completed THEA 0104, ENGL 0369, and required courses in Stagecraft, Production and Performance area; they must also be recommended by their performance area instructors.

ENGL 0364 AMERICAN DRAMA (3) Emphasis on the development of the dramatic form in America. Plays that are read and discussed demonstrate that there is a native American dramatic tradition and that experimentation is one of its characteristics. The plays also reflect significant development in and through culture. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0365 DRAMATIC THEORY AND CRITICISM (3) An examination of the subjects of dramatic theory and criticism from both historical and practical viewpoints. Students are acquainted with the major theoretical and critical statements about western theatre from the Greeks to the present day. Students read historically important drama theorists and critics, and apply the ideas and principles they have learned to their own written analyses of assigned dramatic texts, video screenings, and live theatrical productions. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0366 DRAMA OF THE WESTERN WORLD (3) A critical evaluation of representative plays of the important periods of theatre, including outstanding plays of Greece, Italy, Germany, Sweden, Spain, Russia, England, and the United States. An attempt is made to understand in depth the influence of the times upon the plays and authors studied. Prerequisite: ENGL 0101 **and** ENGL 0102.

ENGL 0367 FILM THEORY AND CRITICISM (3) A study of the basics of film communication, various film modes, and structure. A development of bases for evaluation of films according to communicative and aesthetic values will be a primary aim. Prerequisites: ENGL 0101 **and** ENGL 0102.

ENGL 0370 MODERN DRAMA (3) Modern theatre is characterized

its international nature and its diversity of subject, style, and setting. is course will chronologically examine the development of modern ma from Ibsen to the present with specific attention to crucial so-l, political, and scientific influences and pivotal plays. Prerequisites: NGL 0101 and ENGL 0102.

NGL 0371 PLAYWRITING (3) Introduction to the craft recom-nded for students with some experience in both creative writing and atrical production. Prerequisites: ENGL 0101 and ENGL 0102.

NGL 0372 HISTORY OF PROSE (3) A study of the evolution of glish language and style in non-fiction prose from the seventeenth ntury to the present. With a focus on the conventions of the essay dition, course readings will also include some examples of journals, moirs, biographies, and autobiographies. Selections will be made m such writers as Bacon, Burton, Addison, Steele, Boswell, New-n, Mill, Darwin, Thoreau, Douglass, Woolf, and from contempo-ics. Prerequisite: a 0200-level literature course.

NGL 0375 JOURNALISM II (3) Students employ advanced tech-ques in beat and specialty reporting for print journalism. Reporters the course run a "mock newspaper" working in various editorial pects of the newspaper. Reporters complete a series of articles, in-ding but not limited to conference and meeting reports, features, ofiles, commentaries, and police and court news and editorials. Pre-quisite: ENGL 0275 or COMM 0275 or COMM 0204.

NGL 0376 MODERN BRITISH AND AMERICAN POETRY (3) ading and discussion of the foremost English and American poets of 20th century. Special attention is given to the experimental forms d the modern thought of the poetry. Prerequisites: ENGL 0101 and NGL 0102.

NGL 0377 FEATURE WRITING (3) An introduction to writing fea-e stories for newspapers and magazines. Students will write a variety newspaper features. They will also prepare and send a query (story oposal) to a magazine and write the story upon which the query is sed. Prerequisite: ENGL 0275 or permission of instructor.

NGL 0380 PRACTICUM IN ENGLISH (3-12) A practical intern-p program for senior English majors who want to gain real expe-nce in on-the-job training such as theatre, television, radio, report ting, news writing, insurance underwriting, education, editing, pub-relations, and advertising. Students will participate for a stipulated riod under professional supervision and will be observed periodically college faculty.

NGL 0382 CONTEMPORARY POETRY (3) A study of the inno-ive and influential poets, styles, trends and movements in English guage poetry since the 1960's, including confessionalism, surreal-n, the New Formalism, and regional and ethnic poems. Prerequisites: NGL 0101 and ENGL 0102.

NGL 0383 TEACHING WRITING: ISSUES IN RHETORIC AND OMPOSITION (3) Examines current theory and practice in the ching of writing. Topics covered include methods for teaching the iting process, curriculum development, issues of diversity, computer dagogies, and grammar instruction. While the primary focus of the urse will be writing pedagogy, students will also have opportunities study how various theories of in rhetoric and composition inform ir own writing process.

NGL 0384 SPECIAL TOPICS IN JOURNALISM (3) An introduc-tion to or an examination of journalistic writing and journalistic issues not dealt with in the basic curriculum. Past topics have included the new journalism writing for the editorial page and the first amendment. Prerequisite: ENGL 0275 or permission of instructor.

ENGL 0385 SCREENWRITING FOR FEATURE FILM (3) Intro-duces the processes and formal attributes of writing for feature films. Students practice the creative process while learning the particulars of writing a screenplay, including format specifics, film terminology, and workshop methods for student screenplay content. Course includes discussion of film as an art form, its basic grammatical components, and introductory film analysis from a screenwriting perspective. Each student writes and revises approximately 40 pages of a screenplay, a detailed film-length plot and sequence map, character descriptions, and several smaller projects pertaining to comprehension of film elements. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0388 SPECIAL TOPICS IN WRITING (3) An advanced course in writing based upon a common theme or subject. Prerequisites: ENGL 0101 and ENGL 0102.

ENGL 0391 SPECIAL STUDIES IN FILM (3) Intensive study of signifi-cant individuals, groups, topics, or movements in the development of film.

ENGL 0392 BUSINESS AND TECHNICAL WRITING (3) How to write more powerfully, persuasively, and successfully in business. Students will learn the strategies of writing clear and effective memos, letters, and reports, and easy techniques for using tables and graphs. By the end of the course the student will have a portfolio of writing samples to demonstrate writing skills. Prerequisites:ENGL 0101 and ENGL 0102.

ENGL 0393 HISTORY AND DEVELOPMENT OF MOTION PIC-TURES (3) A study of the evolution of the motion picture as an inter-national art form and social force. Students will make an analysis of form, technique and impact of film. A selected screening of representa-tive film styles and content will be made.

ENGL 0394 NEWS EDITING (3) An introduction to the duties of the copy editor. Students will work to refine the skills and art necessary to news selection, editing, headline writing, design, and layout. Prerequi-site: ENGL 0275.

ENGL 0395 SPORTS WRITING (3) Concentrates on techniques of descriptive and interpretive newspaper and magazine sports writing, with an emphasis on collegiate sports. Techniques for interviewing coaches and players, developing angles, and meeting deadlines are em-phasized. Students will cover sporting events, file reports for the class, and compile a portfolio. Prerequisite: ENGL 0275 or COMM 0275.

ENGL 0397 SPECIAL TOPICS IN LITERATURE (3) Focuses on a specific period, genre, writer, or group of writers, chosen in keeping with the instructor's field of specialization and in response to student interest. Prerequisite: a 0200-level literature course.

ENGL 0399 INDEPENDENT STUDY (3-6) Independent work in a field of special interest in either literature or language not covered by our regular course offerings. The student will be assigned a fac-ulty member qualified to supervise the independent study project. The student must apply to the department Chair at least one semester in advance of the one during which he/she engages in the study and the project must be approved by the Department Curriculum Committee.

THEATRE ARTS

THEA 0104 INTRODUCTION TO THEATRE (3) This course is an historical survey of the origins, nature, evolutions, and development of theatre and its related arts. Students learn the theory and practice of the theatre arts, including playwriting, acting, directing, set and lighting design, theatre architecture, costuming and makeup, technical production, and theatre management. Students acquire tools with which to experience, analyze, and appreciate good theatre and the wisdom it can offer, whether as audience members or as part of theatre productions.

THEA 0121 ACTING STYLES: TECHNIQUES, THEORY AND PRACTICE (3) Students gain a basic understanding of theatre as a performing art through a study of acting styles and periods in an historical and cultural context. Students also apply the theory and technique in a practical format. Acting Styles focuses on three major periods from a choice ranging from classical to contemporary. Approaches to teaching and learning include lecture, discussion, collaborative projects, character analysis through script study, theatre exercises and guest speakers. Students attend campus and area theatrical productions, write critical reviews, and perform scenes.

THEA 0151 INTRODUCTION TO PERFORMANCE (3) This course provides a perspective on and appreciation of theatre by studying the historical origins, development, and evolution of performance throughout the ages and across cultures. The course is designed for students of varying disciplines and offers a unique lens through which to view performance in theatre and in life. Students learn about the nature of performance and some of the significant theories and figures in the history of performance, and are introduced to various performance concepts, principles, and techniques, as well as different approaches to actor training. Students learn about and work on the performer's instrument: the body, the voice, and the imagination. Many practical exercises are employed, which may include areas such as storytelling, dramatic structure, sensory work, movement, improvisation, psychophysical action, mask work, stage combat, etc. Students also will supply their knowledge and training to create performance pieces.

THEA 0152 SCENOGRAPHY (3) This course provides a perspective on and an appreciation of theatre by studying the historical development, continuum, and evolution of the values, methods, and theories of the practitioners of the New Stagecraft, the collaborative relationship between the director and the designer, and the basic principles of visual and aural theatrical design. The course will expose students to the significant theories and movements that have shaped the visual style of the American stage; will familiarize students with theatre's significant figures, techniques, conventions, styles, and terminology; will promote productive dialogue among student directors, actors, designers, writers, and technicians; and will impart a greater appreciation of the performing arts.

THEA 0251 THEATRE MANAGEMENT (3) The course addresses the organization and business practices of theatrical companies and of theatre production. The course will acquaint students with the roles of the producer and the managing director. The requirements and responsibilities of both commercial and non-profit theatrical production will be addressed, as well as the roles and functions of various management personnel. The course will include such topics as fund raising, subscription sales, publicity and promotion, community relations, agents, unions, stage management, and long- and short-term planning.

THEA 0252 ACTING I (3) An introductory course in the art and craft of the actor designed to make the student aware of personal outer and inner resources and to provide the student with work habits and tools to approach the actor's task with understanding.

THEA 0255 DIRECTING I (3) A study of the process of play direction and practice in the staging of scenes from the most common styles of plays.

THEA 0260 SCRIPT ANALYSIS & INTERPRETATION (3) This course will employ various disciplined, systematic approaches to analyzing and understanding a work of dramatic literature and their application to classical, modern, and contemporary plays, and it will facilitate a greater understanding and appreciation of the art and craft of dramatic writing. The course is designed for students of varying disciplines. The course will challenge and assist students in the development of their critical, analytical, and creative abilities. Knowledge acquired in this course will assist students in their analysis and understanding of other literary works, and will increase their appreciation of the work of the creative writer. The course also will provide insight into how one's interpretation of a dramatic text can be translated into concrete graphic, visual, and aural terms for a theatre audience.

THEA 0261 THEATRE HISTORY: EARLY STAGES (3) This course is an interdisciplinary study of the development, continuum, and evolution of Western theatre in a world cultural context. The course will focus on the agendas and legacies of key figures and movements in the development of Western theatre from its origins in ritual and ceremonial dance to the community performances of the Middle Ages. The relationship ofWestern theatre to Eastern examples, the development of the theatre as a physical structure, the development of various concepts of character anddramatic action, and the changing relationship of life on the stage to lifeoff the stage will be examined through the study of selected dramatists,theoreticians, directors, designers, and performers. Prerequisites: ENGL 0101 and ENGL 0102.

THEA 0262 THEATRE HISTORY: RENAISSANCE TO ROMANTICISM (3) This course is an interdisciplinary study of the development, continuum, and evolution of Western theatre in a world cultural context. The course will focus on the agendas and legacies of key figures and movements in the development of Western theatre from the European Renaissance to the emerging world stage of the nineteenth century. The relationship of Western theatre to Eastern examples, the development of the theatre as a physicalstructure, the development of various concepts of character and dramaticaction, and the changing relationship of life on the stage to life off thestage will be examined through the study of selected dramatists,theoreticians, directors, designers, and performers. Prerequisites: ENGL 0101 and ENGL 0102.

THEA 0263 THEATRE HISTORY: THE MODERN STAGE (3) This course is an interdisciplinary study of the development, continuum, and evolution of Western theatre in a world cultural context. The course will focus on the agendas and legacies of key figures and movements in the development of Western theatre from the realist/naturalist movements of the nineteenth century to the world theatre of the 1940s. The relationship ofWestern theatre to Eastern examples, the development of the theatre as aphysical structure, the development of various concepts of character anddramatic action, and the changing relationship of life on the stage to lifeoff the stage will be examined through the study of selected dramatists,theoreticians, directors, designers, and performers. Prerequisites: ENGL 0101 and 0102. (formerly ENGL 0263)

THEA 0330 SPECIAL TOPCIS IN THEATRE (3) This course focuses

on selected subjects in the theatre arts of performance and design, eatre stagecraft and technology, theatre history, theatre management, dramatic literature chosen in keeping with the instructor's field of ecialization and in response to student interest and/or emerging nds in theatre.

HEA 0343 SOUND DESIGN FOR THEATRE (3) This course aches students the principles, theories, technology, and craftsmanship sound design for live theatrical production. Topics include script alysis for the designer, developing a design concept, researching pe- d music, developing a sound score, translating characters' internal ychological and emotional states into sound, and organizing the cumentation of a design. Emphasis is placed on digital multi-track cording and editing. Students will be expected to plan and to imple- nt a number of sound design projects using computer-aided sound sign software. Students also will explore basic audio theory and tech- logy, the components of sound systems, and their applications to a e theatrical environment.

HEA 0350 DRAMATURGY (3)This courses applies aspects of script alysis, dramatic theory and criticism, and theatre history to the study individual works of drama. Dramaturgy involves the study of the inciples of dramatic composition, structure, style, and theory as they ate to a dramatic work, and research on that work's historical setting d time of composition, on its author's body of work, on its published ticism, and on its production history. Students will learn what makes dramatic work theatrically viable, how to assess its strengths and eaknesses, and how to rectify its shortcomings. Prerequisite: THEA 60 or ENGL 0365.

HEA 0353 THEATRE WORKSHOP (6) This is an intensive course r students who have acquired the basic skills of stagecraft and theat- al production, and who are interested in learning their application to e execution of theatrical designs. It is a hands-on, experiential course which students develop and put to practical use a number of theatre d stagecraft technology skills. Students will build and paint scenery, ng and focus lights, collect and record sound, participate in costume nstruction, collect and build properties, and have the opportunity serve on the running crews for the semester's theatrical offerings. ch student is required to fulfill assigned hours and to attend work lls outside of regularly scheduled class and shop hours. Prerequisite: rmission of the instructor.

HEA 0354 COSTUME DESIGN (3) Students will acquire an appre- ation and an understanding of costume design as a unique form of istic expression. Students will learn about style, about the designer's eative process, and how to analyze and interpret play scripts and aracters from the costume designer's perspective. They will also rn about the processes of executing costume design, including the ols and techniques of costume construction. The course will provide cultural and historical perspective, revealing how the pressures of ace and time have influenced the fashions of various periods and how stume design has evolved and developed over time. Criteria will be tablished to enable students to evaluate and to articulate their reac- ons to costume designs and to the design experience.

HEA 0356 STAGECRAFT TECHNIQUES (3) Construction techniques and terminology, the use and safe operation of tools, carpentry skills, reading blueprints, and scene painting techniques are included in this course which serves as preparation for THEA 0353 Theatre Workshop.

THEA 0357 ACTING II (3) Working on a role, students apply the elements of Acting I to text, character analysis, and performance. Scenes and short works will be performed for class criticism. Prerequisite: THEA 0252.

THEA 0358 PRODUCTION SEMINAR (3) A topics course. Topic will depend upon the playwright and the play chosen for production. Production Seminar is a culminating course designed to apply the skills actors, designers, and technicians learn in their performance and design/technical courses, and to provide practical experience in the mounting of a theatrical production. The course will be devoted to preparing, building, performing, and evaluating a theatrical production for a public audience. Prerequisite:Permissionof the instructor. Enrollment by audition or interview; open to all students who qualify.

THEA 0359 ACTING FOR FILM AND TELEVISION (3)Students will learn how to apply the craft of acting to the demands of acting on-camera for film and television, as well as the techniques and craft required for on-camera acting. Students will be introduced to such aspects of on-camera acting as the terminology of the media, cold reading techniques necessary for auditioning, the camera shots and camera angles, the limitations of the frame, professional behavior on a set, and the actor's responsibility. Students will engage in a number of exercises as well as monologue and scene work for the camera. Prerequisite: THEA 0252 and THEA 0357.

THEA 0360 THEATRE PRODUCTION (6) This is an intensive hands-on course for students interested in learning and gaining experience in standard technical craft practices for the theatre. The class will familiarizes student particularly with the specific equipment and skills needed for the preparation and construction of costumes for a theatrical production. Students will also learn and apply fundamental construction tools, techniques and skills in other technical/craft areas of scenery lighting, sound, scene painting, makeup, and properties. Student may also participate in the running crews for the semester's theatrical productions. Each student will be required to fulfill assigned hours and to attend work calls outside the regularly scheduled class and shop hours. Prerequisite:Permission of the instructor is required for admission to the course.

THEA 0362 RESEARCH SEMINAR IN THEATRE (3) Advanced research in theatre, including guided individual study of an approved topic. Members of the department will assist students whose special interests coincide with their specialized areas. Prerequisite:Permission of instructor.

THEA 0368 DIRECTING II (3) Through directing at least one one-act play, class criticism, and analysis, students will learn the role of director as interpreter, organizer, teacher, and stage manager. Prerequisite: THEA 0255.

THEA 0380 PROFESSIONAL THEATRE SEMINAR (1) Students

will learn about the realities and demands of graduate school and of making a career in the worlds of professional theatre, film, and television. Topics will include but are not limited to auditioning techniques for theatre and for film and television; headshots, resumes, portfolio preparation and presentation; creating personal web sites; marketing oneself; personal wardrobe and makeup; interviewing techniques, hot to research, select, apply, and prepare for graduate school; and the professional working environments of New York and Los Angeles. Required of all Theatre Arts majors. Prerequisite:Junior or Senior standing in the Theatre Arts program.

THEA 0389 SCENE DESIGN (3) The course will convey an appreciation and understanding of scenic design as a unique form of artistic expression and the artistic skills and craftsmanship necessary to a scenic designer. Students will learn how to analyze and interpret a script from the scenic designer's perspective and to translate one's concepts into concrete visual and graphic terms. Students will acquire a working understanding of theatre history and style as they relate to scenic design. The course will stress process and methodology and will expose students to the scenic designer's creative process, touching on such areas as analysis, research, sketching, rendering, model building, and ground plan development.

THEA 0390 LIGHTING DESIGN (3) This course teaches the science and the art of the discipline of lighting design. Students will learn the tools of the trade and how to use them to enhance a theatrical production. It will acquaint students with the lighting designer's process and how the designer analyzes, interprets, and translates a script into a cogent design concept, and how the designer uses the tools and the latest technology of the trade to execute the design.

THEA 0398 INTERNSHIP IN THEATRE (3-12)A practical internship program for senior Theatre Arts majors who want to gain real-world experience in on-the-job training in an area of theatre. Students will participate for a stipulated period of time under professional supervision and evaluation, and will be observed periodically by college faculty. The internship must be proposed by the student and approved by the Theatre Arts faculty. Any additional requirements of an internship - for example, journal or report writing or an oral presentation - will be determined by the faculty. Prerequisite:Permission of program coordinator.

THEA 0399 INDEPENDENT STUDY (3-6) A course by special arrangement for independent study in an area of special interest or need in theatre and/or drama. The student will work with a faculty member qualified to supervise the independent study project. Prerequisite:Permission of instructor and department chair.

nvironmental Science

estfield State University's Department of Environmental Science fers an interdisciplinary major in Environmental Science. In 2010, e University expanded the former Environmental Science Program create the Department of Environmental Science. This reflects the mand for the major – ENVS is one of the fastest growing majors campus – and the University's broad commitment to and empha- on environmental issues. The University recently placed second in e nation in the RecycleMania Tournament, earning the EPA's Envi- nmental Merit Award for 2010. WSU is one of the few colleges in e country to have an entire department dedicated to Environmental ience; the program is one of the largest and oldest environmental sci- ce programs in the Northeast.

ocated on the edge of the Berkshire Mountains, Westfield State Uni- rsity is uniquely situated between mountains, rivers, forests, and ner natural ecosystems on one side and urban areas such as Spring- ld, Holyoke, and Northampton on the other. This location provides merous opportunities for hands-on field learning experiences. The ajor combines coursework in Environmental Science, Biology, Geog- phy, Regional Planning, and other disciplines, while emphasizing the erdependence of the natural and social sciences. Students select from ch courses as Environmental Analysis, Environmental Biology, Ecol- y, Aquatic Biology, Marine Biology, Environmental Impact Analysis, nd Resource Analysis, Green Cities, Water Resource Management, d Geographic Information Systems (GIS).

important aspect of the major is our emphasis on fieldwork and nds-on learning, such as the Water Resource Management course's noe trips on the Westfield River and nearby lakes, and the Marine Bi- ogy's 3-day field trip to the Maine coast each spring to collect marine mples. Classes are small providing much one-on-one contact with culty. The major culminates in a capstone experience: either a Senior ternship, where students work off campus in an environmental posi- n that matches their interests, or a Senior Seminar / Independent udy, where students do independent research on an environmental pic working under the guidance of a faculty mentor. Because of the erdisciplinary nature of the major, students have the flexibility to tai- their coursework and educational experience to suit their personal erests and goals for the future.

udents typically get jobs working for environmental consulting firms; dustries concerned about pollutants and toxic waste by-products; lo- , state, or federal government agencies; or environmental conserva- n groups and non-profits. The work often involves planning devel- ment; monitoring compliance with environmental laws; monitoring , groundwater, or surface water quality; and remediating environ- ental damage.

e primary mission of the Department of Environmental Science to provide a service-oriented, interdisciplinary and collaborative ogram which helps students to:

Develop an understanding of the natural world,
Identify problems that arise from human interactions with the environment,
Search for scientific solutions to these problems, and
Develop plans to implement those solutions.

e major requires 35-40 credit hours depending on the laboratory periences the student selects.

For more information about the Environmental Science major, contact the Chair, Prof. Michael Vorwerk, at (413) 572-5305, or visit our homepage: westfield.ma.edu/environmentalscience

REQUIRED COURSE WORK:
ENVIRONMENTAL SCIENCE MAJOR

The Environmental Science Major consists of 35-40 credits, dependent on advising and the interests of the student. All students must take at least 21 credit hours from the list below at Westfield State University.

Required Environmental Science Courses (10-11 credits):
One of the Following:

BIOL 0102 Environmental Biology or	(4)
ENVS/GARP 0106 Environmental Analysis	(3)

And also:

BIOL 0128 Intro. to Organismal, Ecological, and Evolutionary Biology	(4)
CHEM 0109 & 0111 General Chemistry I & II	(8)
ENGL 0392 Business and Technical Writing	(3)
GARP 0102 Physical Geography	(4)
GEOL 0101 Physical Geology with Lab	(4)

Areas of Study (22-26 credits, by advisement; choose one required course and one optional course from each category, plus one additional optional course):

Natural Dimensions
Required:

BIOL 0201 General Ecology or	(4)
BIOL 0202 Conservation Biology	(4)

Options*:

BIOL 0208 Marine Biology	(4)
BIOL 0211 Botany of Higher Plants	(4)
BIOL 0212 Mammalogy	(4)
BIOL 0216 Flora of Massachusetts	(4)
BIOL 0217 Invertebrate Zoology	(4)
BIOL 0219 Aquatic Biology	(4)
BIOL 0223 Microbiology	(4)
BIOL 0235 Ornithology	(4)
BIOL 0305 Plant Communities	(4)
BIOL 0325 Ecosystems	(3)
BIOL 0334 Animal Behavior	(4)
ENVS 0317 Natural Dimensions	(3)
GARP 0230 Meteorology	(3)
GARP 0220 Landform Evaluation	(3)

Human Dimensions
Required:

GARP 0225 Legal Issues Zoning/Planning or BIOL 0233 Environmental Legislation	(3)

Options*:

GARP 0217 Global Issues of the Future	(3)
GARP 0219 Land Resource Analysis	(3)
GARP/ENVS 0238 Environ. Impact/Analysis	(3)
GARP 0352 Planning Green Sustainable Cities	(3)
POLS 0204 Public Administration	(3)
POLS 0318 Public Management Skills	(3)
ECON 0320 Environmental Economics	(3)
ECON 0321 Natural Resource Economics	(3)
ENVS/GARP 0251 Water Resources Planning and Managment	(3)

Methods/Technology Dimensions
Required:
GARP 0246 Quantitative Methods for Social and Physical Science (3)
Options*:
GARP/ENVS 0236 Environmental Analysis II (3)
GARP 0243 Remote Sensing (3)
GARP 0244 Introduction to GIS (3)
GARP 0340 Data Collection and Analysis (3)
GARP 0344 Advanced GIS (3)
CHEM 0201 Organic Chemistry I (4)
CHEM 0203 Organic Chemistry II (4)
CHEM 0311 Instrumental Analysis (4)
ENVS 0317 Special Topics in Environmental Science (3)

*Equivalent or additional transfer course work may be applied toward completion of Option requirements, pending approval of the department chair.

Senior Thesis/Seminar or Internship
(Select one by advisement; 3 credits):
ENVS 0350 Internship or
ENVS 0390Senior Seminar or
ENVS 0399 Independent Research (3)

RECOMMENDED CORE COURSE WORK:
Humanities Section (18 credits; 6 credits taken from each section)

English Composition (6 credits required for all bachelor's degree candidates)
ENGL 0101 English Composition I (3)
ENGL 0102 English Composition II (3)

Literary and Philosophical Analysis (6 credits)
PHIL 0102 Introduction to Ethics (3)
PHIL 0110 Philosophy of Science (3)

Appreciation of Fine Arts (6 credits)
ART 0104 Design Fundamentals (3)
Second course to be selected by advisement (3)

Social Sciences Section (12 credits; 3 credits must be taken from the US History and Government area)
State and Local Government
POLS 0101 American National Government (3)

Social Understanding (9 credits)
GARP 0101 World Regional Geography (3)
SOCI 0101 Principles of Sociology (3)
ECON 0101 Principles of Macroeconomics or
ECON 0102 Principles of Microeconomics (3)

Math/Applied Analytical Reasoning (6 credits required; 3 credits must be from the Traditional Mathematics area)
Traditional Mathematics
MATH 0104 Pre-calculus or
MATH 0108 Elementary Statistics (3)

Applied Analytical Reasoning
GARP 0246 Quantitative Methods for Social and Physical Science (3)

Diversity Section (6 credits required; 3 credits taken from each area)
Global: selected by advisement (3)
United States: selected by advisement (3)

ENVIRONMENTAL SCIENCE MINOR

The minor in Environmental Science is designed to allow students who are interested in environmental science to tailor the minor to meet their interests, career goals, and future plans. The minor requires a total of 18 hours of coursework. This includes ENVS 0106 or BIOL 0102, one course out of each of the three dimensions (Natural, Human, and Methods/Technology) and additional courses selected by the advisement from the required and elective Environmental Science coursework to meet the 18 credit hour requirement. Biology and Regional Planning majors may not minor in Environmental Science.

Courses

ENVS/GARP 0106 INTRODUCTION TO ENVIRONMENTAL ANALYSIS (3) This course introduces the interface between the human and natural environmental systems. Topics include: air and water pollution; forest and wildlife preservation; risk assessments of floods and other hazards; urban climatology; and various techniques of environmental assessment.

ENVS 0236 ENVIRONMENTAL ANALYSIS II (3) Provides an advanced treatment of the problems created by the interfacing of natural and human systems in the environment. Special emphasis will be placed on problems unique to the New England context, including air and water pollution, waste management and the development of New England coastal areas. Prerequisite: GARP 0106.

ENVS/BIOL 0233 ENVIRONMENTAL LEGISLATION (3) A detailed examination of the need for, and biological basis for, the standards established by existing, or proposed, federal and state legislation. The lectures, which will deal with topics such as the National Environment Policy Act and the Water Pollution Control Act, will be supplemented by analysis and discussion fo environmental impact statements and court decision dealing with each of the topics covered. Prerequisites: BIOL 0128 or ENVS 0106 or GARP 0106.

ENVS 0238 ENVIRONMENTAL IMPACT ANALYSIS (3) This course covers the geographic, social and economic impact of land use projects on the natural environment. Students are taught how to determine the baseline inventory of environmental components and how to predict the impact of development on the environment. Topics include the legislative history, review criteria and analysis of Environmental Impact Statements (EIS). Students gain practical experience with EIS's through case study approaches and preparation of evaluation assessments. Prerequisite: GARP 0106.

ENVS/GARP 0245 SUSTAINABLE ENERGY (3) Provides a thorough exploration and examination of sustainable energy in the 21st century and covers technologies (e.g. fossil fuels, wind power, solar energy, geothermal energy, nuclear power, etc.), applications (e.g. transportation, green buildings, etc.), and strategies (e.g. energy conservation, energy efficiency, lifestyle choices, et.). A special emphasis is placed on the connections between energy consumption, population growth, climate change, and global sustainability. This course includes quantitative calculations, case studies, and site visits.

NVS 0251 WATER RESOURCES PLANNING AND MANAGE-IENT (4) This course focuses on societies' management of water re-ources. Students a will develop an understanding of the diverse water sues affecting people on local, regional, and global scales. The lab ortion will include topics such as field sampling of water flow and ater quality. Three hours lecture, three hours laboratory per week. rerequisites: BIOL 0102 or GARP 0106, and MATH 0108; or per-ission of instructor.

NVS 0317 SPECIAL TOPICS IN ENVIRONMENTAL SCIENCE) This course offers an in-depth study of a specialized area within e environmental sciences. Course content will vary according to the ea of specialization of the instructor and the interests of the students. lay be repeated if course content differs. Prerequisites: Environmental ience major and junior standing.

NVS 0350 ENVIRONMENTAL SCIENCE INTERNSHIP (3-9) A eld/office/lab experience in the area of the student's environmental ience interest. Course is designed to provide contact experience in-olving a variety of responsibilities and skills related to the student's ecific concentration. The student's special interests as well as the re-uirements and skills needed for the internship position are taken into nsideration in making the placements. Prerequisite: Senior ENVS anding with minimum 3.0 GPA.

NVS 0352 PLANNING GREEN SUSTAINABLE CITIES (3) This pper-level seminar focuses on green sustainable cities' planning con-epts and initiatives by comparing American and European cities. It xplores environmentally friendly dimensions of urban form, design, ansportation, sprawl, urban ecology and restoration, energy and ma-rial use, green architecture, environmental justice, and social equity. eadings, writings, discussions, planning exercises, case studies, and eld trips allow students to understand sustainable urban patterns nd dimensions.Each student will have an individual research project hich involves data collection and analysis, identification of urban and vironmental problems, and recommendations. Prerequisite: Junior/ nior standing or approval of instructor.

NVS 0390 ENVIRONMENTAL SCIENCE SENIOR SEMINAR (3) his seminar will be conducted by members of the Geography and egional Planning and Biology departments and will include guest ctures. It will focus on environmental issues, applied methods and ills, the interdisciplinary nature of environmental science, methods inquiry and present trends. Each student is supervised by a faculty ember and expected to formulate and develop a research project that ldresses a particular environmental problem. Independent research is nducted by collecting and analyzing data and recommending alter-atives and solutions to the environmental problem. The research will e presented to the full class, evaluated by faculty and juried by outside viewers at the end of the semester. Prerequisite: Senior standing.

NVS 0399 INDEPENDENT REASEARCH (1-3) Directed research environmental science with the student conducting a research proj-t under the supervision of an instructor. Research projects should volve the investigation of an environmental problem or issue. The sults of the study should be reported in a formal research paper and esented in an oral presentation to the department. The Independent esearch courses can be applied toward the Environmental Science ajor at the discretion of the instructor and Program Coordinator. erequisite:Permission of Instructor.

Ethnic and Gender Studies

The Department of Ethnic and Gender Studies is one of only a few such interdisciplinary departments in New England and the first of its kind in the Massachusetts state college system. The major in Ethnic and Gender Studies and the two distinct, but interconnected minors offered by the department, Ethnic Studies, and Women and Gender Studies, share an emphasis on global diversity, cultural competency, and social justice efforts. The Ethnic and Gender Studies department reflects the University's mission to increase the integration of diverse perspectives and content into students' educational experience and to help foster a campus climate that respects the ideas and contributions of a culturally diverse community.

The interdisciplinary nature the major accommodates a wide range of student interests. By exposing students to new information about issues in gender and ethnic studies and developing their analytical skills through reading, writing, and speaking, the major complements all 24 of the University's undergraduate degree programs and is thus an ideal second major. All of the programs in Ethnic and Gender Studies prepare students for graduate study and professional work in any number of fields in the humanities as well as the social sciences. The Ethnic and Gender Studies major also prepare students for any number of careers, including but not limited to:

- Teaching;
- Service professions;
- Communication fields;
- Natural and social sciences;
- Public non-profit and private organizations.

The Ethnic and Gender Studies major emphasizes multidisciplinary and comparative approaches to the study of race, class, ethnicity, culture and gender in one degree program. Course work in Ethnic and Gender Studies incorporates a framework that fosters the study of gender, culture, class, ethnicity, race and sexual orientation across the curriculum. Both theoretical and applied perspectives are embedded in a curriculum that addresses how all of these shape identities, literacies, public policies, and communities in local, U.S. and transnational contexts. Students will work with their departmental advisor to create an academic plan within the major. Community work will be emphasized with a capstone seminar and community activism course part of the core requirements and internships supported and encouraged. Thus the Ethnic and Gender Studies major will emphasize the relationship between academic knowledge and the development of a critical active citizenry.

REQUIREMENTS FOR THE ETHNIC AND GENDER STUDIES MAJOR – 42 CREDITS

- Each student must take ten EGST courses (30 credits): 18 credits in the core and 12 credits in the thematic areas- one EGST class in each thematic area.
- At least 9 credits in the thematic areas must be at the 300 level.
- EGST 0230 and 390: Special Topics in Ethnic and Gender Studies will fulfill an elective requirement in one thematic area dependent on the focus of the course in a given semester.
- Students are encouraged to take EGST 0398: Ethnic and Gender Studies Internship (3-6 credits).
- Students will also be required to complete at least one college semester of language study (including AP credit), or the equivalent. A student may also satisfy the language study requirement by passing a proficiency examination designed and administered by the Department of World Language Studies.

REQUIRED MAJOR CORE – 18 CREDITS

EGST 0101 Introduction to Comparative Ethnic Studies (3)
EGST 0102 Introduction to Women's and Gender Studies (3)
EGST 0201 Critical Theories in Ethnic and Gender Studies (3)
EGST 0202 Research Methods: Exploration, Evidence and Engagement (3)
EGST 0396 Capstone Seminar in Ethnic and Gender Studies (3)
EGST 0397 Social Justice and Community Activism (3)

THEMATIC AREAS: 24 CREDITS

Two courses from each category, one must have an EGST prefix.

Identities – 6 credits

EGST 0203 Introduction to African American Studies (3)
EGST 0204 Introduction to Latino/a Studies (3)
EGST 0205 Introduction to Gay and Lesbian Studies (3)
EGST 0206 Introduction to Islamic Studies (3)
EGST 0207 Introduction to Native American Studies (3)
EGST 0210 U.S. Latino/a Literatures (3)
EGST 0212 Introduction to Asian American Studies (3)
EGST 0220 Religion. Gender and Society (3)
EGST 0230 Special Topics in Ethnic and Gender Studies (3)

Approved elective courses* (no more than one)
HIST 0264 African American History (3)
HIST 0275 African American History and Civil Rights since 1865 (3)
PSYC 0210 Psychology of Women (3)

Cross-Cultural Literacies – 6 credits

EGST 0208 Hip Hop Cultures (3)
EGST 0209 Images in Black and Brown (3)
EGST 0210 U.S. Latino/a Literatures (3)
EGST 0211 Indian Cinema: Gender and Identity (3)
EGST 0216 Deviance and Culture (3)
EGST 0230 Special Topics in Ethnic and Gender Studies (3)
EGST 0304 Representations of Gender, Race and Ethnicity (3)
EGST 0356 Activism in Asian American Communities (3)
EGST/ENGL 0312 Queer Literature and Theory (3)
EGST0390 Special Topics in Ethnic and Gender Studies (3)

Approved elective courses* (no more than one)
ART 0358 African American Art (3)
COMM 0212 Film and Gender (3)
COMM 0222 Intercultural Communication (3)
ENG 0324 Black American Literature (3)
ENG 0327 Contemporary Cross Cultural Literature (3)
ENG 0328 Ethnic Literatures of the United States (3)
LLIT 0201 Women Writers of the Americas (Global) (3)
LLIT 0202 Women Writers of the Americas (US) (3)
LLIT 0210 Studies in the Literature of Africa and the African Diaspora (3)

Social Policy and Social Justice – 6 credits

EGST 0221 Women in Modern Organizations (3)
EGST 0225 Institutional Racism in the U.S. (3)
EGST 0230 Special Topics in Ethnic and Gender Studies (3)
EGST 0303 Seminar in Women's Studies (3)

EGST 0304 Representations of Gender, Race and Ethnicity (3)
EGST 0305 Critical Race Studies (3)
EGST 0353 Unmasking the School to Prison Pipeline (3)
EGST 0390 Special Topics in Ethnic and Gender Studies (3)

Approved elective courses* (no more than one)
CRJU 0324 Restorative Justice (3)
CRJU 0341 Crime and Culture (3)
ECON 0307 Economics. Gender, Race and Ethnicity (3)
EDUC 0380 Multicultural Education (3)
GARP 0216 Urban Geography (3)
GARP 0252 Cities of the Global South (3)
GARP 0352 Planning Green Sustainable Cities (3)
LANG 0210 Language, Culture and Society (3)
POLS 0211 Comparative Foreign Policy (3)
POLS 0340 Politics and the Family (3)
POLS 0355 Feminist Political Thought (3)
PSYC 0352 Women and Mental Health (3)
SOCI 0200 Race and Ethnic Relations (3)
SOCI 0304 Social Change (3)
SOCI 0305 Urban Sociology (3)
SOCI 0315 Sociology of Gender (3)

Transnational – 6 credits
EGST 0213 Contemporary Issues in Islamic Studies (3)
EGST 0217 Culture and Personality (3)
EGST 0230 Special Topics in Ethnic and Gender Studies (3)
EGST 0301 Seminar in Postcolonial Studies (3)
EGST 0302 Seminar in Comparative Indigenous Studies (3)
EGST 0355 International Women's Grassroots Movements (3)
EGST 0390 Special Topics in Ethnic and Gender Studies (3)

Approved elective courses* (no more than one)
ART 0357 Islamic Art (3)
COMM 0213 World Cinema Global Film (3)
COMM 0306 International Communication (3)
CRJU 0333 Terrorism (3)
CRJU 0335 Comparative Criminal Justice systems (3)
GARP 0210 Cultural Geography (3)
GARP 0217 Global Issues of the Future (3)
HIST 0215 Intro to Middle East, Africa and Asia (3)
HIST 0325 Women and Revolution (3)
HIST 0371 Problems in Middle East History (3)
HIST 0373 Modern Latin America (3)
HIST 0375 Latin American Relations since 1898 (3)
LCUL 0201 Women in the Hispanic World (3)
LCUL0220 Envisioning the Americas (3)
LLIT 0310 Seminar in Hispanic Studies (3)
MGMT 0338 International Business (3)
POLS 0209 International Relations (3)
POLS 0211 Comparative Foreign Policy (3)
POLS 0224 Politics of Developing Countries (3)

Some of the approved elective courses may have pre-requisites.

MINOR IN ETHNIC STUDIES – 18 CREDITS

The Multicultural and Ethnic Studies minor is designed to promote an understanding of and appreciation for the richness of differences among the people of the world. Promoting this understanding involves exploring the nature of difference and examining its impact on our lives and our ways of thinking. It also involves analyzing the sources of conflict among different groups and the structures of power that determine which cultures are validated and are invited into power and which cultures are oppressed and silenced. The goal of all ethnic studies courses is for students to develop critical perspective – that is to go beyond the limits of our own cultural and social background to see the world from different points of view. Such skill is critical for anyone who wants to make informed personal, professional, and political choices in the complex global community. Students will learn methodologies that challenge racism, classism, homophobia, and ethnocentrism. They will use this awareness to critique the assumptions and belief systems that shape social institutions and to investigate the complexities of both systems of oppression and various practices of resistance and revolt.

Required courses: (6)
EGST 0101 Intro to Comparative Ethnic Studies (3)
EGST 0396 Capstone Seminar in Ethnic and Gender Studies (3)

Elective courses: (12)
(At least two courses must be from outside the student's major)
ART 0357 Islamic Art (3)
ART 0358 African American Art (3)
COMM 0222 Intercultural Communication (3)
COMM 0306 International Communication (3)
EDUC 0380 Multicultural Education (3)
EGST 0203 Intro to African-American Studies (3)
EGST 0204 Intro to the Latino/Latina Studies (3)
EGST 0205 Intro to Gay and Lesbian Studies (3)
EGST 0230 Special Topics Ethnic and Gender Studies (3)
ENGL 0226 U.S. Ethnic Literature (3)
ENGL 0324 Black American Literature (3)
ENGL 0327 Contemporary Cross-Cultural Literature (3)
ENGL 0328 Ethnic Literature of the US (3)
GARP 0210 Cultural Geography (3)
GARP 0252 Cities of the Global South (3)
HIST 0215 Intro to the Middle East, Africa and Asia (3)
HIST 0263 U.S. Women's History (3)
HIST 0265 The Minority Experience: Multicultural History of the United States (3)
HIST 0273 Labor and Economic History: U.S./Global Perspectives (3)
HIST 0286 Traditional Asia to 1700 (3)
HIST 0287 Asia since 1700 (3)
HIST 0311 Modern Civil Rights Movement (3)
HIST 0325 Women and Revolution (3)
HIST 0371 Problems in Middle Eastern History (3)
LLIT 0201 Women Writers of the Americas: Global (3)
LLIT 0202 Women Writers of the Americas: US (3)
LLIT 0210 Studies in the Literature of Africa and African Diaspora (3)
LLIT 0220 Studies in European Cultures: Holocaust in Literature (3)
MGMT 0338 International Business (3)
MUSC 0160 History of Jazz (3)
POLS 0209 International Relations (3)
POLS 0322 Race and Ethnicity in U. S. Politics (3)

POLS 0324 Politics of Developing Countries	(3)
PSYC 0363 Cross-Cultural Psychology	(3)
PSYC 0361 Psychology of Racism	(3)
SOCI 0200 Cultural Anthropology	(3)
SOCI 0202 Race and Ethnic Relations	(3)
SOCI 0307 Social Problems	(3)

MINOR IN WOMEN AND GENDER STUDIES - 18 CREDITS

The Women's Studies Minor is an interdisciplinary and trans-disciplinary program designed to provide students with the theoretical bases for understanding women's experiences from a global perspective. As an academic discipline, Women's studies and Gender studies both have their own distinct subject matter and research tools. This program emphasizes the ways that race, class, sexualities, gender identity and construction and a multitude of other factors intersect with the study and experiences of women in all cultures, historic periods and economic conditions. Through selected courses in Women's Studies, as well as corresponding courses in Ethnic Studies and other disciplines, the minor challenges myths, prejudices, and stereotypes of women, as well as men. Coursework emphasizes the study of the effects of gender, race, class, ethnicity, and sexual orientation on world views; examines gender construction in its social, historical, and cultural implications; explores recent scholarship on women, gender, and feminist theory in many varied academic fields including the humanities, social sciences and the physical sciences. Many courses also consider traditional disciplines from a feminist perspective. The program places a particular emphasis on social activism, thus courses will explore social movements for gender equality incorporating an international focus and students are encouraged to explore links between theory and practice in their own communities through applied research and internships.

Required courses: (6)

EGST 0102 Introduction to Women's and Gender Studies	(3)
EGST 0303 Seminar in Women's Studies	(3)

The remaining 12 credits needed for the minor may be selected from among approved electives, such as:

COMM 0211 Representations in the Media	(3)
COMM 0212 Film and Gender	(3)
CRJU 0312 Women in the Criminal Justice System	(3)
EDUC 0300 ST: Women in Education	(3)
EGST 0110 Issues in Women's Studies	(3)
EGST 0221 Women in Modern Organizations	(3)
EGST 0230 Special Topics in Ethnic and Gender Studies	(3)
ENGL 0326 Women Writers	(3)
LLIT 0201 Women Writers of the Americans: Global	(3)
LLIT 0202 Women Writers of the Americas: US	(3)
LLIT 0210 Studies in the Literature of Africa and the African Diaspora: Women Writers	(3)
PHIL 0333 Seminar in Interdisciplinary Studies: "Women as Thinkers and Theorists"	(3)
POLS 0330 Women and Politics	(3)
POLS 0335 Feminist Political Thought	(3)
POLS 0340 Politics and the Family	(3)
PSYC 0352 Women and Mental Health	(3)
PSYC 0210 Psychology of Women	(3)
SOCI 0315 Sociology of Gender	(3)

Other courses may be designated as Women's Studies electives when appropriate. Students interested in the minor can obtain further information and apply for admission to the program by contacting the advisor to the Women's Studies minor or the Department Chair. Advising is provided by the coordinator and faculty involved with the minor.

Courses

EGST 0101 INTRODUCTION TO COMPARATIVE ETHNIC STUDIES (3) This course focuses on the meaning and significance of race, ethnicity and culture in the United States. Students will be exposed to basic concepts in ethnic studies such as ethnicity, culture, race, socialization, cultural assimilation, acculturation, migration, immigration, social protest, and resistance. This course will be taught from an interdisciplinary perspective, thereby allowing students to build a base from various viewpoints and methodologies including but not limited to historical, cultural, political, economical, and sociological. (Formerly MCES 0101)

EGST 0102 INTRODUCTION TO WOMEN'S AND GENDER STUDIES (3) Introduces students to the scholarship and research developed Women's and Gender Studies. The course will address a variety of issues in the field in an interdisciplinary format, generally focusing on the social construction of gender and women's lives and experiences as illuminated by the social sciences and humanities. The course will be taught with a global comparative perspective allowing students to examine women's experiences and the politics of gender with a wide international lens. (Formerly WSTP 0101)

EGST 0110 ISSUES IN WOMEN'S STUDIES (1-3) This course will address a variety of issues or topics pertinent to Women's Studies, as needed. Topics or issues selected will be determines by research areas or interests of the faculty member or disciplines. (Formerly WSTP 110)

EGST 0201 CRITICAL THEORIES IN ETHNIC AND GENDER STUDIES (3) Introduces the complex and interlocking theoretical methodologies that have emerged from the development of Ethnic and Gender Studies over the past thirty years. Engages students in a dialogue about social facts, theory-building, social change and prediction, key concepts for later research methods coursework. Examines a wide variety of models for human social and political action as well as a series of modern and postmodern models with emphasis on interdisciplinary and radical theories. Students will explore methodologies developed and used in feminist theory, critical race theory and postcolonial/postmodern theory as well as more content based analysis and practice from a number of different perspectives. Case studies of social justice movements, organizing practice and experiences in Western and non-Western cultures will be a key component.

EGST 0202 RESEARCH METHODS: EXPLORATION, EVIDENCE AND ENGAGEMENT (3) Examines and engages the processes through which researchers make claims about the social world and specifically about relationships structured by the intersections and layering of race, class, ethnicity, and gender/sexuality. Strategies for gathering data and analyzing the human experience using social science methodologies are compared and contrasted with methods in the humanities. Examination of crucial debates surrounding objectivity/subjectivity, political uses of data, and other conflicts, provides students with instruction in ways of seeing the world and making claims about it, and the implications of such perspectives.

EGST 0203 INTRODUCTION TO AFRICAN AMERICAN STUDIES (3) Provides a comprehensive introduction to the interdisciplinary field of African American Studies. Historical, literary, theoretical and political perspectives within many African American traditions will be explored. The social construction of race, the history and legacies of slavery and Jim Crow and the fight for racial justice and freedom will be central to the course. Texts will include primary sources such as slave narratives, historical and literary sources as well as more contemporary theoretical and artistic works. The course will also investigate the complex experience of multiple kinds of African peoples in the Americas over the past 500 years. (Formerly MCES 0201)

EGST 0204 INTRODUCTION TO LATINO/A STUDIES (3) A comprehensive introduction to the interdisciplinary field of Latino/Latina Studies which focuses on the history, culture, immigrations, socioeconomic and political struggles of multiple Latino/a groups including but not limited to Chicanos, Puerto Ricans, Cubans, Dominicans and others. Texts can include historical, theoretical and literary perspectives as well as documentary research and film. (Formerly MCES 0202)

EGST 0205 INTRODUCTION TO GAY AND LESBIAN STUDIES (3) This course introduces students to a variety of perspectives from which to study Gay and Lesbian issues. We explore the history, literature, culture, and political activism of gay, lesbian, and bisexual people throughout history and across cultures. The course also examines assumptions underlying various theories about gender roles. Current issues, controversies, and debates are highlighted. (Formerly MCES 0203)

EGST 0206 INTRODUCTION TO ISLAMIC STUDIES (3) An overview of the history, sources, beliefs and practices of Islam, which begins with biographical sketches of the life of Muhammad, the development of the Muslim community, the early caliphate and successive dynasties, notably of Umayyad, Abbasid and Ottoman and the beginnings of the modern Muslim era. The course examines the sources of Muslim beliefs with respect to their origins in Semitic revelations central to the Abrahamatic faiths, Judiasm, Christianity and Islam. Special attention is given to the centrality of the Qur'an and the traditions or sunnah of the prophet Muhammad. The course investigates the origin of Islamic Law and its manifestations in the four schools of Islamic thought and practice–Hanabali,Hanifi, Shafi, and Maliki also tracing the root causes of the major sectarian split in Islam between Sunni and Shi'a.

EGST 0207 INTRODUCTION TO NATIVE AMERICAN STUDIES (3) Provides a comprehensive introduction to the interdisciplinary field of Native American Studies. The history of the 500 plus years of indigenous resistance to colonization, oppression and genocidal policies will be highlighted. The focus will include historical, political, theoretical, literary and artistic texts and perspectives. Issues such as removal and relocation, legal and land rights, religious rights, education and economics of the reservation and the urban 'Indian' experience. A comparative perspective that includes the experience of indigenous peoples from throughout the Americas will be employed.

EGST 0208 HIP HOP CULTURES (3) Hip Hop refers primarily to a mode of self-expression for urban youth culture through rap, turntabalism, graffiti and breaking. It has evolved not only within the confines of American mainstream culture, but it has also become a global movement. Tracing the musical, corporeal, visual, spoken, and literary manifestations of hip-hop in the "American cultural imaginary", we will also investigate specific cultural practices that have given rise to its various idioms, and discuss how the media portrays and profits from the impact hip-hop. Some of the topics that we will study closely include, but are not limited to gender, cross-cultural impact of hip-hop, identity formation, sexism and homophobia.

EGST 0209 IMAGES IN BLACK AND BROWN (3) America's cultural representations of people of African and Latin American descent have most often been stereotypical and negative. This course explores both past and contemporary images of African/Black-Americans and Hispanic/Latinos in American popular culture. In this course we will attempt to deconstruct specific cultural images and explain how and why they originated and how they have evolved over time.

EGST 0210 U.S. LATINO/A LITERATURES (3) Focuses on the experiences, struggles and successes of groups such as Puerto Ricans, Cuban Americans, Dominican Americans and Chicanos/Mexican Americans. The following themes are considered: culture; history and society; politics and politics of identity in relationship to race/ethnicity/nationality, social/economic class, gender, being bicultural versus "living on the margins," the struggle for self-determination, notions of mestizaje (race mixing) and its impact on cultural production. Representative works will be read and analyzed within a cultural context.

EGST 0211 INDIAN CINEMA: GENDER AND IDENTITY (3) Examines both Bollywood cinema and the independent cinema of India through the lens of postcolonial feminist theory and cultural studies. The emphasis will be to enhance the ability of students to see films as representation aided by a process of cultural interpretation. It will inform students of the many interrelations between the history of the postcolonial nation and its representation in the visual arts. It will go on to highlight how films today show the gradual failure of the nationalist project due to the growth of consumerism. Possible films: Monsoon Wedding, Slumdog Millionaire and Namesake as well as Bollywood films rarely seen in the United States. Prerequisties: EGST 0101 or EGST 0102.

EGST 0212 INTRODUCTION TO ASIAN AMERICAN STUDIES (3) The objective of this course is to make students aware of the ways in which Asian immigrants have contributed to the building of the U.S. over the past few centuries. Students will also learn what the different groups from Asia had in common and how they differ from each other, and the ways in which they have come together for political empowerment. This course will examine the rise of Asian American Studies as a discipline within Ethnic Studies.

EGST 0213 CONTEMPORARY ISSUES IN ISLAMIC STUDIES (3) Introduces and examines the nature and history of the Islamic world view existing in the global Muslim community while focusing on current issues confronting Muslims in the west in general and in the United States in particular. Special attention is paid to the origins and development of the initial 7th century Muslim movement established by the prophet Mohammed in Mecca and its primary as the template for virtually every revivalist movement in Islam. Coursework then turns to the study of contemporary examples of revivalist groups, for example Hamas, Hezbullah, the Taliban, al Qaida and the Muslim Brotherhood within the framework of Islamic law (Shari'ah) through which these groups claim religious and social legitimacy. Prerequisties: EGST 0101.

EGST 0216 DEVIANCE AND CULTURE (3) Studies individual deviants and "misfits" both within and outside the United States who have defied their culture's norms and/or value systems. This course will focus specifically on deviance and stigma, with great emphasis on economic "untouchables" who are denied work, social status, and belonging due to race, gender, ethnicity, class, sexuality, religion and ability.

EGST 0217 CULTURE AND PERSONALITY (3) An introduction to a variety of cultures from the perspective of the "culture and personality" school of cultural anthropology often referred to as the Columbia School. These anthropologists, starting with Boas, Mead, Benedict, Sapir and others developed a variety of skills involving the study of culture and language, gender, emotion/psychology and visual and behavioral cues to study the personalities that cultures encourage and/or stigmatize. This course traces these anthropological insights in a series of studies from early models of study to exploring present day "culture and personality" ethnographic research which focus on culture's role in identity and power construction. This course addresses the complicated relationship that anthropologists have had as "natives" of the colonizing country who are in many cases attempting to advocate for the indigenous "other" they are studying.

EGST 0220 RELIGION, GENDER AND SOCIETY (3) Examines the intersection of contemporary feminisms with the multicultural American religious landscape. Particular attention to issues of race, class, multiple identities, and the shaping of public discourse. (Formerly WSTP 0221)

EGST 0221 WOMEN IN MODERN ORGANIZATIONS (3) An interdisciplinary approach to the policy questions and social tensions created by the entrance of women as full participants in modern organizational life. Attention to the social, political, ethical, and professional problems faced by women in organizations and to the stresses placed on traditional organizational cultures by demand for gender equal policies. Special emphasis on analyses and strategies aimed at successful critique, problem-solving and professional achievement within such institutions. Topics vary by semester. (Formerly WSTP 0201)

EGST 0225 INSTITUTIONAL RACISM IN THE U.S. (3) This course will examine the historical basis of racial themes and attitudes in the U.S., analyze racist manifestation extant within contemporary institutions and propose some strategies for action which might lend themselves to easing and eventually eradicating the problem. Additionally, we will present selected theoretical frameworks or "analytical models" that have been developed – some of which have actually fanned the flames of racism more than subdued it – to help provide students with a kid of graphic understanding of racial phenomena. Lastly, the terminal course objective will be synthesis of class learning and your own invaluable personal perspective in the form of a final paper or project based on your research and evaluation of a particular U.S. institution. Prerequisite: EGST 0101 or permission of instructor.

EGST 0230 SPECIAL TOPICS IN ETHNIC AND GENDER STUDIES (3) The study and analysis of specific groups, issues, or case studies related to the field of multicultural and ethnic studies. (Formerly MCES 0205)

EGST 0301 SEMINAR IN POSTCOLONIAL STUDIES (3) Postcolonial Studies, in a very general sense, is the study of the interactions between European nations and the societies they colonized in the modern period. This seminar will explore the ways that a postcolonial gaze or a postcolonial experience is constructed and bifurcated by new knowledges and distributions of power. It will include multidisciplinary approaches including but not limited to – postcolonial film studies; postcolonial literary approaches and expressions, and postcolonial approaches in a variety of fields. Topics may vary by semester. Students may take this course more than once for different topics to fulfill the Transnational elective for the EGST major. Prerequisites: EGST 0201.

EGST 0302 SEMINAR IN COMPARATIVE INDIGENOUS STUDIES (3) Critically engages with indigenous narratives through a global discourse analysis. Students will compare the migrations in political, economic, social and historical contexts from comparative perspectives. Who are indigenous peoples and how have they been categorized, racialized and marginalized within imperialism, colonial and post-colonial contexts? We examine historical and contemporary debates about indigenous peoples in a global context, especially paying attention to indigenous human rights in the Americas. We will analyze contemporary indigenous discourse within the context of 'Fourth World' and 'First Nation' narratives. We will explore these comparative perspectives through the lens of fiction and non-fiction materials. Prerequisites: EGST 0201 or EGST 0202.

EGST 0303 SEMINAR IN WOMEN'S STUDIES (3) Designed to integrate, conceptually and methodologically, the major issues addressed by Women's Studies. Each student will complete and present a major research project which demonstrates an understanding of the interdisciplinary nature of women's issues. Prerequisites: EGST 0102 and advanced work in Women's Studies, or permission of instructor. (Formerly WSTP 0301)

EGST 0304 REPRESENTATIONS OF GENDER, RACE AND ETHNICITY (3) Explores, analyzes and investigates the ways that various forms of representation shape our experience and understanding of race, gender, sexuality, ethnicity and cultures. The course will investigate the complexities of representation, of how particular groups are represented in specific works or a body of works, and the implications of those representations. Possible topics could include exploring images of black women in contemporary literature and film or exploring the role of super heroes in the development of American ideology in the 20th and 21st centuries. Topics may vary by semester and the course may be repeated if topic is different. Prerequisites: EGST 0201.

EGST 0305 CRITICAL RACE STUDIES (3) Explores the multiple disciplinary approaches within the emerging field of critical race studies. The course will interrogate the construction of "race" as a legal, institutional and social construction and explore the impact of that construction over different historical periods for different populations. Possible exploration may include the social construction of whiteness, perspectives on institutional racism in the United States, the development and impact of critical race theory in places such as Australia particularly in reference to the Indigenous populations and Europe in relation to the immigrant populations. Topics may vary by semester. Course can be taken more than once if topic is different. Prerequisites: EGST 0101 or EGST 0102.

EGST/ENGL 0312 QUEER LITERATURE AND THEORY (3) Introduces the field of queer theory as a framework for approaching literary texts by and about GLBT individuals that explore and challenge seemingly stable identity categories of gender and sexuality and their intersections with race, class and ability. Recognizing queer theory's roots in social activism, GLBT social movements, history, culture and identity, participants will explore some of the major critical trends in queer theory. Particular attention will be paid to literary texts and understanding the socio-cultural frameworks within which they are produced, with consideration of issues such as global diversity, oppression, and social activism. Prerequisite: ENGL 0102. (Formerly MCES/ENGL 0312)

EGST 0353 UNMASKING THE SCHOOL TO PRISON PIPELINE (3) Focuses on the school to prison pipeline which is a nationwide system of local, state and federal education and public safety policies that pushes students out of school and into the criminal justice system. This system disproportionately affects youth of color and youth with disabilities. Inequities in areas such as school discipline, policing practices, high-stakes testing contribute to the pipeline. The goal of this course is to explore the phenomena of the school to prison pipeline. Where are the stops along this pipeline? What does its existence reveal to us about race and poverty in the United States? Exploration of education policy, the prison industrial complex and the history of structural inequality are central to the course. Students will be able to articulate definitions and perform analysis of this system and address historical conditions which created it along with strategies for dismantling the pipeline. Prerequisites: EGST 0101 or 0102.

EGST 0355 INTERNATIONAL WOMEN'S GRASSROOTS MOVEMENTS (3) Examines the complex dimensions of feminism in a variety of postcolonial contexts. Throughout a number of societies, women as colonized subjects have been labeled as 'other.' The historical contexts of colonialism create distinct interpretations of feminism in relation to mutually reinforcing forms of political, economic and racial domination. The purpose of this course is to examine the multiple ways in which women have organized to improve their lives in a variety of geopolitical settings, primarily in the contemporary period. Prerequisites: 0102.

EGST 0356 ACTIVISM IN ASIAN AMERICAN COMMUNITIES (3) Examines the rise of activism in Asian American communities from the Yellow Power Movement of the 1960s to the present, with the impact of globalization and the "war on terrorism." Students will learn about the problems these myriad Asian communities have faced and continue to face as we move into the 21st century. They will also learn what the different groups from Asia have in common and how they differ from each other, and the ways in which they have come together for political empowerment. Prerequisites: EGST 0201 or 0202.

EGST 0390 SPECIAL TOPICS IN ETHNIC AND GENDER STUDIES (3) An advanced course offers a variety of topics with a myriad of perspectives and foci. Course offerings may include explorations of particular research areas in ethnic and gender studies from content based analysis to theoretical explorations. Course may be repeated to fulfill multiple thematic areas in the EGST Major. Prerequisites: EGST 0101 or EGST 0102.

EGST 0396 CAPSTONE SEMINAR IN ETHNIC AND GENDER STUDIES (3) Guided research in Ethnic and Gender Studies. Students prepare a research project on a relevant subject of their choice. Each student is responsible for arranging to work with a member of the EGST faculty. Prerequisites: Junior or senior standing or permission of the instructor. (Formerly MCES 0301)

EGST 0397 SOCIAL JUSTICE AND COMMUNITY ACTIVISM (3) Working from a model of service learning established by Robert Coles, students in this course actively work to support the work and needs of existing community organizations, while simultaneously engaging such concepts as social identity, self/other, charity, social justice, praxis, moral obligation, and the historical examination of social justice movements relevant to their field sites. The work of radical service organizations supported by college students will be studied alongside the more reflective texts by Coles. This course requires that students participate in a minimum of one hour per week of field experience for 12 weeks in a community setting and two hours of classroom time. Prerequisites: EGST 0396.

EGST 0398 EGST INTERNSHIP (3-6) Juniors or Seniors seeking to put theory to practice may intern at sites selected in consultation with their advisor(s). Students will be required to complete a learning contract, submit weekly logs, create a professional portfolio, be evaluated mid and end of semester by a site supervisor, and write a final paper which is topic specific and assigned by the instructor. Such papers might address specific concepts relevant to the student's course of study. For example, a student working at Planned Parenthood might examine the role of women's health clinics historically in the United States or in a particular region. When internships are taken during the semester, students will meet monthly to share experiences, struggles, and successes. EGST student might consider selecting sites addressing urban planning, environmental health, public policy, community literacy, among others. Prerequisites: Junior or Senior standing.

Geography and Regional Planning

Study within the Department of Geography and Regional Planning (GARP) leads to a B.S. degree in Regional Planning. This professional undergraduate degree prepares students for the vital work of designing livable, equitable, and sustainable communities, with a focus on implementing positive change. As a field, Regional Planning is engaged in understanding, evaluating, and improving the human-built environment, while maintaining the health of natural systems. Planners take on the challenges of neighborhood improvement, affordable housing, economic development, multi-modal transportation, green infrastructure, alternative energy, disaster mitigation, healthy food systems, and more.

Regional Planning majors gain the knowledge and skill set of a professional planner while exploring the values and ethical dimensions of human/environment interactions. At its heart, planning is interdisciplinary problem solving and students study the wide variety of forces that shape communities including the historical, social, economic, cultural, legal, political, ecological, and aesthetic. The coursework grounds students in theory, while the program integrates opportunities for real-world applications through case studies, field work, site visits, and a strong internship program. Hallmarks of our program are the enthusiasm of our faculty and their engagement with students and community based projects. Students also gain marketable technical skills in Geographic Information System (GIS) computer mapping techniques, site planning methods, analytical assessment, and effective communication.

Graduates of our program are in demand today at the federal, state, regional, and municipal level to develop plans for the management and protection of community resources. The majority of planners work in public agencies, although there are opportunities within private architectural, engineering, real estate, and law firms. In addition, the skills of planners are sought within the growing sector of non-governmental organizations, especially ones dealing with issues of land conservation and sustainable development. Many of our students are dual majors in Regional Planning and related disciplines (such as Environmental Science, Political Science, Criminal Justice, Ethnic and Gender Studies, History, etc.) and many of our graduates have gone on to advanced degrees.

Six GARP courses are included in the Common Core of Studies as the issues engaged, and material covered, are fundamental to the development of knowledgeable and discerning citizens. The civic education offered in these classes furthers the University's mission to prepare students for the challenges and increasing complexity of membership in a democratic society and urbanized, globally connected world. Students can also study in the department through minors in geography, regional planning, and GIS.

The department manages the GIS Technology and Applications Center (GIST), a lab that serves as a hub for GIS activity on and off campus including classes, workshops, and research. In addition a state-of-the-art internet-enabled weather station is installed on campus and monitored by GARP faculty.

MISSION

The mission of the Geography and Regional Planning Department at Westfield State University is to promote an educational experience for our students, meeting the challenges of a changing global society by:

- Developing a geospatial understanding of the physical and cultural environments of the earth, and the complex interrelationships between peoples and their environments;
- Teaching basic planning theories and applications, GIS, and other technical skill sets to solve urban and regional environmental problems;
- Focusing on human-environment relationships, with an emphasis on how culture, gender, politics, and economy affect people's interaction with the environment; and
- Providing students with a framework in sustainable practices and ethical guiding principles to shape our communities in the future.

REQUIREMENTS FOR REGIONAL PLANNING MAJORS

Regional Planning Foundation Courses (16 credits)

GARP 0101 World Regional Geography	(3)
GARP 0102 Physical Geography and Lab	(4)
GARP 0105 Introduction to Community Planning	(3)
GARP 0106 Introduction to Environmental Analysis	(3)
GARP 0391 Seminar: Regional/Environmental Planning	(3)

Methodology (9 credits)

(Choices must include one graphic course and one quantitative course.)

Graphic Methods

GARP 0243 Introduction to Remote Sensing	(3)
GARP 0244 Intro to Geographic Information Systems	(3)
GARP 0344 Advanced Geographic Information Systems	(3)

Quantitative Methods

GARP 0246 Quantitative Methods for Social and Physical Science	(3)
GARP 0340 Data Collection and Analysis	(3)

Social, Urban and Environmental Applications (12 credits)

Courses to be selected, with advisement, from the following:

GARP 0204 Housing in America	(3)
GARP 0206 Climate Change	(3)
GARP 0215 Economic Geography	(3)
GARP 0216 Urban Geography	(3)
GARP 0217 Global Issues of the Future	(3)
GARP 0218 Recreation Geography	(3)
GARP 0219 Land Use/Resource Planning	(3)
GARP 0220 Landform Evaluation for Planners	(3)
GARP 0222 Site Planning Studio	(3)
GARP 0225 Legal Issues in Zoning and Planning	(3)
GARP 0230 Meteorology	(3)
GARP 0236 Environmental Analysis II	(3)
GARP 0238 Environmental Impact Analysis	(3)
GARP 0252 Cities of the Global South	(3)
GARP 0314 Transportation Geography	(3)
GARP 0316 American Suburbanization	(3)
GARP 0317 Special Topics	(3)
GARP 0330 Climatology	(3)
GARP 0331 Severe and Unusual Weather	(3)

Regional Planning Electives (6 credits)
Choose any two courses listed below, or additional methodology or applications courses:

GARP 0200 Geography of Europe	(3)
GARP 0201 Geography of Africa	(3)
GARP 0202 Geography of North America	(3)
GARP 0210 Cultural Geography	(3)
GARP 0212 Political Geography	(3)
GARP 0213 Travel and Tourism Planning	(3)
GARP 0214 Behavioral Geography	(3)
GARP 0320 Intermediate Meteorology	(3)
GARP 0350 Internship in Regional and Environmental Planning	(3-12)
GARP 0399 Independent Study in Geography and Regional Planning	(3-6 credits)
HIST 0365 History of City and Regional Planning	(3)
POLS 0204 Introduction to Public Administration	(3)
POLS 0205 Urban Politics	(3)

INTERDISCIPLINARY MAJOR IN ENVIRONMENTAL SCIENCE

The departments of Biology and Geography / Regional Planning support an interdisciplinary major in Environmental Science. For more information about this program, see the listing in the Environmental Science section of this Bulletin.

MINORS IN GEOGRAPHY AND REGIONAL PLANNING

The minor in Regional Planning is tailored to the particular interests of the student in the Regional Planning program. The minor requires a total of 18 credit hours of course work, including GARP 0105 and GARP 0106, any one course listed in the methodology section, and any three courses listed in the Social and Environmental Applications sections.

The department offers two (2) Geography Minors which require 18 credit hours. World Regional Geography (GARP 0101) is required in each minor. The student is advised of the courses related to specific interests from the courses listed below.

The Cultural-Regional Geography minor involves a specialization in a particular region of the world. The Applied Geography minor includes courses related to site location analysis and application.

APPLIED GEOGRAPHY MINOR

GARP 0101 World Regional Geography	(3)
GARP 0102 Physical Geography	(4)
GARP 0105 Intro to Community Planning	(3)
GARP 0213 Travel and Tourism Planning	(3)
GARP 0214 Behavioral Geography	(3)
GARP 0215 Economic Geography	(3)
GARP 0216 Urban Geography	(3)
GARP 0230 Meteorology	(3)
GARP 0243 Introduction to Remote Sensing	(3)
GARP 0246 Quantitative Methods for Social and Physical Science	(3)
GARP 0314 Transportation Geography	(3)
GARP 0317 Special Topics in Geography/Planning	(3)
GARP 0320 Intermediate Meteorology	(3)
GARP 0330 Climatology	(3)
GARP 0332 Geomorphology	(3)
GARP 0340 Data Collection and Analysis	(3)
GARP 0344 Geographical Information Systems	(3)

CULTURAL-REGIONAL GEOGRAPHY MINOR

GARP 0101 World Regional Geography	(3)
GARP 0102 Physical Geography	(4)
GARP 0201 Geography of Africa	(3)
GARP 0210 Cultural Geography	(3)
GARP 0212 Political Geography	(3)
GARP 0214 Behavioral Geography	(3)
GARP 0200 Geography of Europe	(3)
GARP 0330 Climatology	(3)

GEOGRAPHIC INFORMATION SYSTEM (GIS) MINOR

Geographic information system (GIS) is a technology that manages, analyzes, and disseminates geographic knowledge. GIS links location to information (such as people to addresses, buildings to parcels, or streets within a network) and layers that information to show how it all interrelates. GIS is used to redraw boundaries, model population growth and distribution, target sites in market analysis, and develop distribution networks and evacuation plans for community preparedness. GIS helps planners, environmental scientists, biologists, and business owners to make site location decisions and solve urban and environmental problems. A background in GIS provides opportunities in federal and state agencies such as the Department of Environmental Protection, the Water Resources Authority, the Fish and Wildlife Service, the National Park Service, the Bureau of Land Management, the United States Forest Service, and the Environmental Protection Agency.

The private sector employs professionals trained in GIS in database creation, applications development, sales and marketing, software development and training, data conversion, and project management. GIS specialists may be employed by petroleum companies, utilities, and multinational corporations. GIS professionals hold the following titles: Cartographic Technician, GIS analyst, System/Database Administrator, GIS Sales Specialist, and GIS Software Engineer.

The Department of Geography and Regional Planning maintains a state-of-the-art facility for GIS instruction. A microcomputer laboratory, equipped with Pentium 4 class computers, laser and inkjet printers, CD-ROM readers, digitizers, and other output devices, supports such software as ARCGIS, ArcView, GIS, and Idrisi. The labs offer INTERNET connectivity and global positioning system equipment (GPS).

The GIS Certificate minor is designed to introduce students to software and hardware used in GIS, provide knowledge about the planning and construction of spatial databases, and offer instruction in GIS analysis and the representation of data in mapped and tabular form.

REQUIREMENTS FOR THE GEOGRAPHIC INFORMATION SYSTEM (GIS) MINOR

Required Core courses for admission to the GIS minor (10 credits):

GARP 0101 World Regional Geography	(3)
GARP 0102 Physical Geography (with Lab) or	
GEOL 0103 Physical Geology with Lab	(4)
MATH 0104 Pre-calculus or	
MATH 0108 Elementary Statistics or	
MATH 0105 Calculus I	(3 or 4)

Required courses (12 credits):

GARP 0244 Intro to Geographic Information Systems	(3)
GARP 0246 Quantitative Methods for Social and Physical Science	(3)
GARP 0344 Advanced Geographic InformationSystems	(3)
MGMT 0107 Software Applications in Management	(3)

Plus two of the following (6 credits):

GARP 0222 Site Planning Studio	(3)
GARP 0242 Computer Mapping	(3)
GARP 0243 Intro to Remote Sensing	(3)
GARP 0340 Data Collection and Analysis	(3)
GARP 0343 Advanced Remote Sensing	(3)
GARP 0350 Internship in GIS	(3)
GARP 0360 Field Methods	(3)
GARP 0399 Independent Studies in GIS	(3)
CAIS 0117 Intro to Computer Programming (BASIC)	(3)
CAIS 0212 Visual Programming Concepts	(3)

For more information about the GIS minor, contact Dr. Stephanie Kelly, Department of Geography and Regional Planning, at (413) 572-5722.

INTERDISICPLINARY MINOR IN COMMERCIAL RECREATION AND TOURISM

The Economics and Management, Movement Science, and Geography and Regional Planning Departments offer an interdisciplinary minor in commercial recreation and tourism. A full description of the requirements for this minor is included in the Economics and Management section of the **Bulletin.**

Courses

GARP 0101 WORLD REGIONAL GEOGRAPHY (3) Within a world regional context, the course offers an examination of the patterns and underlying processes comprising both the human and natural realms of geography. Course content deals with the earth, places, people, the natural environment, human-environmental interaction, and the movement of people, goods, and ideas. Special emphasis is given to achieving a degree of literacy in world locations and developing map interpretation skills. The course also introduces various topical specializations in geography such as economic geography, political geography, population geography, physiography, and urban geography.

GARP 0102 PHYSICAL GEOGRAPHY (4) Physical Geography is the study of the spatial variations of the physical phenomena on the surface of the Earth. It focuses on the geo-systems of the Earth, including the four major "spheres": Atmosphere (weather, climatology); Lithosphere (landforms); Hydrosphere (water resources); and Biosphere (flora, fauna). The human-environmental interaction is emphasized. Laboratory and field experiments will explore the various spheres of the Earth and include map interpretation, remote sensing analysis, atmospheric studies, geomorphology investigation, and other human-environment interactions. No prerequisite.

GARP 0105 INTRODUCTION TO COMMUNITY PLANNING (3) This course examines the history of planning, planning theory, and the specialty areas of planning including physical, social and economic planning. Students learn to identify urban and environmental planning problems, apply specific tools to solve the problems, and develop master plans. Topics covered include land preservation strategies, innovative zoning techniques for affordable housing, economic revitalization techniques, and grant-writing skills.

GARP 0106 INTRODUCTION TO ENVIRONMENTAL ANALYSIS (3) This course introduces the interface between the human and natural environmental systems. Topics include: air and water pollution; forest and wildlife preservation; risk assessments of floods and other hazards; urban climatology; and various techniques of environmental assessment.

GARP 0200 GEOGRAPHY OF EUROPE (3) A regional geographic study of physical, economic, cultural and political patterns of Europe. Population patterns will be evaluated via sequent occupance studies. Assets and liabilities of individual states will be evaluated and discussed in an attempt to promote a better appreciation of the geographic structure of Europe.

GARP 0201 GEOGRAPHY OF AFRICA (3) A regional, physical and cultural geographic survey of Africa. A study of the distribution of land and people, physical environment, resources, settlement, and economic development. Special emphasis will be given to cultural elements. A geographic interpretation of the political and economic problems of emerging African States will be considered. Prerequisite: GARP 0101.

GARP 0204 HOUSING IN AMERICA (3)An examination of the unique qualities of housing, the changing role of the government in housing, the major factors in the provision of housing, and the success and failure of housing programs. Programs to be reviewed include homeownership tax credits, public hosing, housing vouchers, and mixed-income developments, particularly as they are affected by issues of race, ethnicity, class, gender, family composition, age and/or sexual orientation.

GARP 0206 CLIMATE CHANGE (3)An examination of our climate system, including the physics of the greenhouse effect and mechanisms/forcings, both natural and human, of climate change. The second part of the course focuses on climate change observed in the past, today, and in the future, including methods of past climate reconstruction and future climate prediction. The third part of the course extends the discussion beyond the scientific basis and into questions of impacts, vulnerabilities, and possible adaptation/mitigation strategies. Prerequisite:GARP 0102 or permission of instructor.

GARP 0210 CULTURAL GEOGRAPHY (3) An examination of the world's major geographic realms, focusing on characteristics such as language, religion, population growth, and national development which give identity to these realms and often spawn conflict between realms.

GARP 0213 TRAVEL AND TOURISM PLANNING (3) Surveys world tourist areas, the role of the human and natural environment in tourism and recreation, trip planning, and sustainable practices for tourism planners.

GARP 0214 BEHAVIORAL GEOGRAPHY (3) Behavioral geography focuses on the relationship (or interaction) between the geographic environment and human spatial behavior. Some major topics of the course include: how one's mental images of the environment influence spatial behavior; cognitive mapping, a study of human orientation in geographic space; preferences or evaluations of certain types of climates or landscapes; models of spatial decision making: e.g., migration decisions, human versus environment studies, hazard perception, personal space, and the affective bond between people and places. Prerequisite: sophomore standing.

GARP 0215 ECONOMIC GEOGRAPHY (3) An analysis of basic economic activities and the ways in which environmental factors affect them. Major emphasis is given to the differences between economies of abundance and economies of scarcity, with special emphasis on present world resource problems. This course may be taken as part of the requirements for Economic majors with the permission of both departments.

GARP 0216 URBAN GEOGRAPHY (3) A study of the urban setting through a geographical analysis of its social, economic, demographic, political and environmental problems. The structure of the course will allow the student to conduct independent research in areas where his/her main interests lie. Independent research will be prefaced with a short history of the origin, growth development and spread of urbanism. Prerequisite: permission of instructor.

GARP 0217 GLOBAL ISSUES OF THE FUTURE (3) Explores a variety of conditions, problem issues, and potential solutions confronting today's increasingly global and interdependent society. Students are introduced to futurism methodologies such as delphi polls, trend extrapolations, future histories, and cross-impact matrices. Topical subject matter for the course includes exploding and imploding populations, global food supply problems, water supply and quality issues, air pollution sources and solutions, solid waste disposal, environmental disasters such as Bhopal, India, the problems and prospects for nuclear power, and geographical conflicts of global proportion like the Middle East. Prerequisite: Sophomore standing.

GARP 0218 RECREATION GEOGRAPHY (3) An introduction to the patterns of provision, use and management of recreation resources. Primary focus is on outdoor public recreation resources. Major topics include spatial analysis of physical setting, development of public needs, government policies, site management, economic and social concepts which impact on outdoor recreation planning. Special emphasis will be placed on the recreational resources of the New England region. Prerequisite: Sophomore status.

GARP 0219 LAND USE AND RESOURCE PLANNING (3) An analysis of land use within the urban area and a historical perspective on land use in America from colonial times to the present. Part two is devoted to an in-field inventory of present day patterns of land use in a local urban area. The concluding segment of the course will involve analysis of the land use inventories to determine areas of conflicting land uses and to offer solutions to resolve these conflicts. Prerequisite: GARP 0102.

GARP 0220 LANDFORM EVALUATION FOR PLANNERS (3) This course provides students with a basic understanding of the physical setting in which planning is accomplished. The principles of landform analysis are intensively studied. Case studies involving natural hazards will be presented. Extensive use of maps. Prerequisite: GARP 0102.

GARP 0222 SITE PLANNING STUDIO (3) An introduction to the geography of site and locational analysis. Students are presented with case studies involving the best locations for various types of facilities, including business, residential, and institutional uses. Students complete projects involving urban form and site design. Prerequisite: Sophomore standing.

GARP 0225 LEGAL ISSUES IN ZONING AND PLANNING (3) This course provides an overview of the land use/law field by introducing the student to the highlights of the history of zoning, and the impacts of courts case law on land use development decisions. The student will learn how to interpret and prepare land use court case review. Specific topics of the course include: how constitutional law governs land use decision making; the impacts of police power, eminent domain, and aesthetic controls on planning practice; and the effects of exclusionary practices on zoning districts. Prerequisites: GARP 0105 and GARP 0106.

GARP 0230 METEOROLOGY (3) A nonmathematical introduction to weather science. Students are introduced to the basic elements of weather: earth-sun relations, temperature, winds and atmospheric pressure, humidity and precipitation, air masses, fronts, cyclogenesis, weather forecasting and storms. Students are also acquainted with the use of weather instruments.

GARP 0235 GEOMORPHOLOGY (3) An analysis of various processes of landform development, with emphasis on the delimitation of landform regions. Prerequisite: GARP 0102.

GARP 0236 ENVIRONMENTAL ANALYSIS II (3) Provides an advanced treatment of the problems created by the interfacing of natural and human systems in the environment. Special emphasis will be placed on problems unique to the New England context, including air and water pollution, waste management and the development of New England coastal areas. Prerequisite: GARP 0106.

GARP 0238 ENVIRONMENTAL IMPACT ANALYSIS (3) This course covers the geographic, social and economic impact of land use projects on the natural environment. Students are taught how to determine the baseline inventory of environmental components and how to predict the impact of development on the environment. Topics include the legislative history, review criteria and analysis of Environmental Impact Statements (EIS). Students gain practical experience with EIS's through case study approaches and preparation of evaluation assessments. Prerequisite: GARP 0106.

GARP 0243 INTRODUCTION TO REMOTE SENSING (3) An introduction to the application of remote sensing techniques for the inventory and analysis of earth resources. Included are the treatments of exotic sensors, electromagnetic energy physics and data processing for digital classification techniques. Prerequisite: GARP 0102.

GARP 0244 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (3) provides the fundamental background of a GIS. Students will be introduced to the basic computer skills, map interpretation, and structure of digital graphic databases necessary to develop a GIS. Open to all majors this course trains students to think "Geographically" for a variety of disciplines and to apply these skills in the analysis of real life problems. The course will blend lecture with applied computer labs to learn how to analyze the world. No prerequisites.

GARP/ENVS 0245 SUSTAINABLE ENERGY (3) Provides a thorough exploration and examination of sustainable energy in the 21st century and covers technologies (e.g. fossil fuels, wind power, solar energy, geothermal energy, nuclear power, etc.), applications (e.g. transportation, green buildings, etc.), and strategies (e.g. energy conservation, energy efficiency, lifestyle choices, et.). A special emphasis is placed on the connections between energy consumption, population growth, climate change, and global sustainability. This course includes quantitative calculations, case studies, and site visits. Prerequisite: GARP 0102 or GARP/ENVS 0106 or permission of instructor.

GARP 0246 QUANTITATIVE METHODS FOR SOCIAL AND PHYSICAL SCIENCE (3) Introduces students to a variety of statistical methods used in research across the social and physical science realms with emphasis primarily upon applications rather than theory. The class is taught in the computer laboratory, with class time divided between lectures and computer-based exercises. Topics include data measurement levels, measures of central tendency and dispersion, frequency distributions, cross-tabulations, hypothesis testing, chi-square analyses, t-tests, regression, and bivariate and multiple correlation. Prerequisite: Sophomore standing.

GARP 0250 POLITICAL ECOLOGY (3) Political ecology combines an appreciation for the biological and physical aspects of environmental issues with the rigorous analysis of environmental politics. We begin with the assumption that environmental issues are always social and political issues as well, riddled with unequal power relationships and the complexities of race, gender and ethnicity. From that starting point political ecologists engage in the study of related social and environmental injustices and the social movements that have emerged in response to them. Topics that will be studies in detail in this course include: the political ecology of conservation and indigenous peoples; the political ecology of food, agriculture and rural development; the political ecology of urbanization and suburbanization. Prerequisites: GARP 0101 and GARP 0106; or permission of instructor.

GARP 0251 WATER RESOURCES PLANNING AND MANAGEMENT (4) This course focuses on societies' management of water resources. Students will develop an understanding of the diverse water issues affecting people on local, regional, and global scales. The lab portion will include topics such as field sampling of water flow and water quality. Three hours lecture, three hours laboratory per week. Prerequisites: BIOL 0102 or GARP 0106, and MATH 0108; or permission of instructor.

GARP 0252 CITIES OF THE GLOBAL SOUTH (3) Discussion of the growth and structure of selected developing cities in the global south as illustrations of process of urbanization. Specific regions will be studied around five basic themes: 1) evolution of urban systems and settlements; 2) internal structure and models of cities; 3) major distinctive or representative centers; 4) concepts of the global south as a framework for understanding its place and representation within, and linkages to the world system; 5) major contemporary and historical social, racial, gendered and classed systems, problems and solutions. Prerequisite: Sophomore standing.

GARP 0305 REGIONAL GEOGRAPHY OF NEW ENGLAND (3) A study of the various physical features of New England: forms, climate, soil and vegetation, with an emphasis on natural resources and manufacturing.

GARP 0308 CULTURAL GEOGRAPHY OF EUROPE (3-6) A variable credit course for those students doing cultural geography fieldwork in Europe.

GARP 0311 REGIONAL GEOGRAPHY OF LATIN AMERICA AND THE CARIBBEAN (3) This course is a broad regional survey of the geographic realms commonly referred to as Latin America and the Caribbean. Together these realms are home to the largest Native American and African descended populations in the Americas; several of the western hemisphere's largest cities; and a diverse physical geography that includes the world's most extensive rainforest and river systems, its longest chain of mountains and one of its most extensive barrier reefs systems. Using a variety of films, readings and music the course explores the complex geographies of this diversity and takes stock of contemporary and historical developments, with special attention to ongoing struggles for social and environmental justice. The course draws on concepts and insights from physical geography and landscape ecology; cultural, social and economic geography; post-colonial studies; political ecology and environmental history; world-systems and dependency theory. Prerequisite: GARP 0101 or permission of instructor

GARP 0314 TRANSPORTATION GEOGRAPHY (3) Deals with the evolution, significance, and underlying geographic principles of transportation, the theoretical bases of interaction, and the techniques of network analysis. The format of the course will allow the student to conduct independent research in the areas of interest. A significant portion of the course will introduce the student to computer-assisted techniques for transportation system analysis, although no student experience with computer operation is assumed. Prerequisite: GARP 0101.

GARP 0316 AMERICAN SUBURBANIZATION (3) Examines post WWII expansion of American suburbs. The course traces the rise of suburbs as a dominant feature on the American metropolitan landscape and analyzes the political, economic, social, and cultural ramifications of suburban development on American city life. Prerequisite: GARP 0105.

GARP 0317 SPECIAL TOPICS IN GEOGRAPHY AND PLANNING (3) An in-depth study of a limited or specialized area within Geography and Regional Planning. Course content will vary according to the area of specialization of the instructor and the interests of the students. May be repeated if course content differs.

GARP 0320 INTERMEDIATE METEOROLOGY (3) Intermediate meteorology focuses on more advanced topics in meteorology with major focus on synoptic and mesocale meteorology. Emphasis on weather forecasting techniques including surface and upper air charts, use of numerical (computer) forecasting models (e. g. Limited Fine Mesh, etc.), analysis of radar and satellite imagery and severe weather analysis. Prerequisites: GARP 0230, junior/senior standing, and background in algebra.

GARP 0330 CLIMATOLOGY (3) A study of the processes and patterns of the world's climates. After a review of basic meteorology, the Koppen and Thorthwaite classification systems are discussed. The final portion of the course investigates applied climatology which includes: human biometeorology (climate and humans), agriculture climatology, climates past and future, and the effect of climate on transportation, architecture, business, and the construction industry.
Prerequisite: GARP 0230.

GARP 0331 SEVERE AND UNUSUAL WEATHER (3) Introduces students to the meteorological conditions associated with the formation of severe weather conditions, and examines the impact of hostile weather on human activities. Lectures focus on the Jet Stream and its role in the genesis of cyclones, blizzards, severe thunderstorms, lightning, hail, tornadoes, hurricanes, floods, droughts, cold and heat waves and bizarre weather phenomena such as dust devils, Chinooks, Haboobs, Santa Anas, and mountain-adoes.
Prerequisite: GARP 0102 **or** GARP 0230.

GARP 0340 DATA COLLECTION AND ANALYSIS (3) Introduces methods for the collection of data in social research and the analysis of numerical data using simple statistical computer software. In addition to a discussion of survey design, the course covers the advantages and limitations of in-person interviews, telephone surveys, and mail-out surveys. Students use computer software to produce simple, descriptive statistical analyses from survey data, including measures of central tendency and dispersion, frequency counts, and cross-tabulations. Much of the course involves the design, implementation, analyses, and write-up associated with a large class project. Prerequisite: Junior standing.

GARP 0343 ADVANCED REMOTE SENSING (3) An advanced approach which provides students with an introduction to the application of remote sensing techniques for the inventory analysis of earth resources. Included are treatments of exotic sensors, electromagnetic energy physics and data processing for digital classification techniques. Prerequisites: GARP 0102 **and** GARP 0243.

GARP 0344 ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (3) Advanced GIS is an advanced course which provides students with the techniques for the spatial analysis of humans in the Earth's environment. Included assignments will explore digital data collection and encoding, spatial analysis, visual interpretation, and graphic output. Prerequisite: GARP 0244 or equivalent.

GARP 0345 GEOGRAPHY SKILLS AND THEMES FOR TEACHERS (3) This course updates basic geographic skills of teachers. The geographic themes of location, place, human-environmental interactions, movement, and regions are introduced, discussed and demonstrated. Emphasis is placed upon techniques for teaching concepts of spatial analysis. Prerequisite: GARP 0101 or permission of instructor.

GARP 0350 INTERNSHIP IN REGIONAL AND ENVIRONMENTAL PLANNING (3-12) Students must apply for an internship to the Coordinator of Regional Planning one semester in advance of the one during which he/she will be scheduled to do the internship. Students who meet the criteria for internship status are matched with available options. Special interests and requirements of the skills of the internship position are taken into consideration in the assignment.

GARP 0352 PLANNING GREEN SUSTAINABLE CITIES (3) This upper-level seminar focuses on green sustainable cities' planning concepts and initiatives by comparing American and European cities. It explores environmentally friendly dimensions of urban form, design, transportation, sprawl, urban ecology and restoration, energy and material use, green architecture, environmental justice, and social equity. Readings, writings, discussions, planning exercises, case studies, and field trips allow students to understand sustainable urban patterns and dimensions. Each student will have an individual research project, which involves data collection and analysis, identification of urban and environmental problems, and recommendations. Prerequisite: Junior/Senior standing or permission of instructor.

GARP 0360 FIELD METHODS (3) Explores the basic methods used to make physical and socio-cultural observations or measurements in a spatial setting. Off-campus field work is required. Specific skills developed include map reading, aerial photographic interpretation, field sketch mapping, compass traverses, sampling, questionnaire design, interviewing, analysis, and reporting. Prerequisites: GARP 0102 and junior/senior standing.

GARP 0391 SEMINAR IN REGIONAL AND ENVIRONMENTAL PLANNING (3) Focus of the seminar is on the formulation and development of a plan which addresses a particular land use or growth management problem. Readings and discussion involve aspects of the master planning process. Projects involve environmental pollution impact studies. Independent research is conducted by collecting and analyzing data and recommending alternatives and solutions to the planning problem. Prerequisite: GARP 0105, GARP 0106, and GARP 0340 or GARP 0246; or permission of instructor.

GARP 0399 INDEPENDENT STUDY (3-6) A course by special arrangement in a specific theoretical or applied area in Geography or Regional Planning. A student may be assigned a series of readings and discussions, or and applied project in an area of environmental quality control, land preservation, or design techniques.

History

The major in History is structured to provide undergraduates with an understanding of the past as well as to teach skills enabling them to attack any sort of problem, to ask appropriate questions, to assemble valid evidence, and to arrive at rational conclusions. Given such training, the student majoring in History is prepared for graduate work in history or law, or to pursue careers in international business, communications, teaching, government service, museum administration, social work, and library science. The department also has a fully accredited teacher-training program, administered in conjunction with the Department of Education.

An integral part of the department is the Institute for Massachusetts Studies, which publishes the Historical Journal of Massachusetts as well as books related to the history and culture of the region. The Journal draws important contributors and reviewers nationally, and has a circulation of well over one thousand, including university and college libraries in the United States and in several foreign countries. Students serve on a board of student editors, and outstanding student research papers are occasionally published.

The campus supports an active chapter of Phi Alpha Theta, the National Honor Society in History, and qualified students are inducted into the society in the junior or senior year.

A number of internship opportunities allied to the study of American History are available. These include museum work at Old Sturbridge Village, the Holyoke Museum, the Basketball Hall of Fame, and the Connecticut Valley Historical Museum, and archival and library work at the Springfield City Library and the John Fitzgerald Kennedy Library in Boston.

REQUIREMENTS FOR THE HISTORY MAJOR – 39 CREDITS

REQUIRED MAJOR CORE – 21 credits

HIST 0131 US History and Government to 1865	(3)
HIST 0132 US History and Government from 1865	(3)
HIST 0101 Western Experience to 1600	(3)
HIST 0102 Western Experience from 1600	(3)
HIST 0213 World History to 1600	(3)
HIST 0215 Introduction to Middle East, Africa, Asia	(3)
HIST 0302 Historical Research and Analysis	(3)

HISTORY DISTRIBUTION ELECTIVES (18)

Student must select six history electives totaling at least 18 credits. Students may not select more than four courses from any one area of history (United States, European, or World) in fulfilling this requirement.

NOTE: Within the six courses required for the major and minor fields, students must complete at least two courses at the 0300-level. Students may not take more than two independent study courses. Students who are considering graduate school strongly are encouraged to take a foreign language.

Descriptions of fields within the three areas noted above may be obtained from the History Department. Students interested in teacher licensure MUST meet with the program director, to ensure that they enroll in courses which meet the requirements of that program.

LICENSURE FOR TEACHER OF HISTORY (5-8, 8-12)

The Westfield State University program for licensure for teachers of History has been recognized by the National Council for the Social Studies.

Students wishing to be licensed to teach History at the Middle or High School levels must complete the following:

All courses for the History major (39);
One course each in Geography, Sociology, Political Science,
and Economics (12). Courses may be selected from Common Core requirements, minimum grade of "C" required;
The Professional Sequence for Middle and Secondary
Specialist, described in the Education department listings (36);
HIST 0120 The History/Social Studies Teacher (1);
HIST 0332 Methods of Teaching History: Middle and Secondary (3).

Student progress toward meeting Advanced Standing in Teacher Education is monitored at the end of the sophomore year (57 credits). Please see section on Licensure for Teacher Education.

In order to be eligible for student teaching, a student must have completed all required course and field work, have an overall GPA of 2.8 (including transfer work), and have a passing grade in the appropriate Massachusetts Tests for Educator Licensure (i.e., Communication and Literacy and subject matter tests).

REQUIREMENTS FOR THE HISTORY MINOR - 18 CREDITS

18 credits in any level or combination of history coursework are required for the History minor.

Courses

EUROPEAN

HIST. 0101 WESTERN EXPERIENCE I (3) A survey of pre-modern (pre-1500 A.D.) western civilizations. Major topics include: the "classical" societies of ancient Greece and Rome, the rise of Christian civilization in Europe, and the nature of medieval society and culture.

HIST 0102 WESTERN EXPERIENCE II (3) A multi-disciplinary approach to understanding the nature of modern (post-1500 A.D.) European civilization. Through lectures and discussions, students will explore demographic, sociological, political, and cultural elements of Europe's evolution from traditional to modern modes of activity and thought.

HIST 0201 MEDIEVAL EUROPE (3) The institutional, economic, and intellectual history of Europe as it emerged from its Roman and Germanic antecedents and developed into a distinctly western civilization. Emphasis will be placed upon the growth of medieval governmental institutions and the great intellectual achievement of the high middle ages.

HIST 0211 EUROPE SINCE 1919 (3) An examination of Europe's efforts to recover from the first World War, to work out the self-determination policy of the Versailles Treaty to survive the great depression, and to resolve the conflicts which precipitated World War II. The course will also examine the post-war problems of the United Nations, the Cold War, the end of Imperialism, the common market, and new regional pacts.

HIST 0216 THE FRENCH REVOLUTION (3) This course will deal with the upheaval that effectively destroyed the age-old European hierarchical society and laid the foundation for modern political systems. The problem of the impact of ideas, the role of economic dislocation and political dysfunction as portents of revolution will be considered. Use will be made of the newer research into demography and crowd psychology as well as of the traditional literary and historical sources.

HIST 0300 PROBLEMS IN EUROPEAN HISTORY (3) Significant themes or issues in the evolving process of European Civilization examined in detail. May be taken three times for credit.

HIST 0315 THE CRUSADES (3) An analysis of the origins, evolution, and effects of holy war and the crusading movement in the Middle Ages. Emphasis on crusades launched against the Islamic world during the "classical period" of the movement (1070-1291) but crusading campaigns against pagans in Eastern Europe and Christian heretics in Western Europe will be considered as well. Special Attention is given to the ideology of holy war, crusader finance, recruitment, strategy, and military organization. Course concludes with an examination of the legacy crusading has left for the modern world and the role the movement played in the history of Christian-Islamic relations.

AMERICAN

HIST 0131 UNITED STATES HISTORY AND GOVERNMENT TO 1865 (3) This course traces the history of the United States from the colonial period to the end of the Civil War, surveying the political, economic, social and cultural aspects. Topics include: Native Americans, Colonial Period, American Revolution, United States New Nation, North versus South, American Slavery, Westward Expansion, and the Civil War. The course focuses on major events, presidential administrations, United States Constitution, structure of state and federal government. Not open to students who have taken HIST 0130.

HIST 0132 UNITED STATES HISTORY AND GOVERNMENT 1865 - PRESENT (3) This course traces the history of the United States from the Civil War to the present, surveying the political, economic, social and cultural aspects. Topics include the Civil War, Reconstruction, Industrial Revolution, Progressive Period, 1920's, Great Depression, World War II, Cold War, Civil Rights, Vietnam War, and domestic and foreign politics to the present. The course focuses on major events, presidential administrations, United States Constitution, structure of state and federal government. Not open to students who have taken HIST 0130.

HIST 0243 UNITED STATES HISTORY, 1932-PRESENT (3) Will provide the student with knowledge of the continuing evolution of the American welfare state, federal fiscal crises, the impact of technology upon the rural and urban environment, and the impact of science and technology on social and economic conditions. Prerequisite: HIST 0130, HIST 131, or HIST 0132.

HIST 0251 AMERICAN COLONIAL HISTORY, 1400-1763 (3) This course presents the political, economic, and social development of the American colonies from the age of exploration to the conclusion of the Seven Years' War. Topics include natives of North America, exploration, early settlement, and the development of the colonies to 1763.

HIST 0255 JACKSONIAN AMERICA, 1815-1848 (3) This course is a study of the American Republic from the "era of good feelings" through the end of the Mexican War. Topics include the evolution of the Democratic and Whig political parties, the rise of "modern" political campaigning, personalities such as Andrew Jackson, and the emergence of sectionalism. The course will conclude with an examination of the war with Mexico and the controversies over the resulting land acquisitions.

HIST 0260 UNITED STATES HISTORY 1877-1932 (3) An analytical portrayal of the American nation from the post-Reconstruction period through the beginnings of the Great Depression. Themes of study will include American industrialization, urbanization, Progressivism, and reform, economic development, and the increasingly important role of American involvement in world affairs.

HIST 0263 U.S. WOMEN'S HISTORY (3) This course explores United States women's history from the 1700s to the present. We will focus on the diversity of women's experiences, including but not limited to European, African-American, Native American, Asian-American, Latina, Jewish, and lesbian. Topics include changing ideas about women's roles in society;movements for social , legal, economic, and civil rights; sexuality, family and reproduction; women and work.

HIST 0264 AFRICAN AMERICAN HISTORY (3) An examination of African American history since the origins of American racial slavery in the colonial period through the 1960's Civil rights Movement. Topics in the course include the international slave trade, the meaning(s) of racial slavery, conflicts between slavery and democracy, slave resistance, the rise of a distinctive African American identity and culture, African Americans during the Civil War and Reconstruction, segregation and Jim Crow, the evolving concept of "race" and the limits of American citizenship, the Harlem Renaissance, the "nadir" of American race relations, African Americans and the two-party political system, the changing status of African Americans during wartime(s), legal and legislative civil rights protests, economic and class factors impacting the African American experience, and the modern Civil Rights Movement.

HIST 0265 THE MINORITY EXPERIENCE:A MULTICULTURAL HISTORY OF THE UNITED STATES (3) This course explores the history of racial, ethnic, religious, and sexual minorities in the Unites States from the 1700s to the present. The types of discrimination each group has faced, both past and present, are emphasized. Topics include: Native American history, African American, Latino (focusing on Mexicans and Puerto Ricans), the Irish experience, Asian and Arab-Americans, Jews and Muslims, gays and lesbians, as well as changing definitions of "whiteness." Prerequisite: HIST 0130, 0131, or 0132.

HIST 0270 PROBLEMS IN AMERICAN HISTORY (3) This course will offer readings and/or research in a specific prearranged topic in American history. Examples of the topics are sickness and health in American History, the Immigrant Experience, the Depression, etc. This course may be taken three times for credit.

HIST 0273 LABOR & ECONOMIC HISTORY: U.S. & GLOBAL PERSPECTIVES 1877-PRESENT: This course highlights major developments in American labor and economic history. Topics include the Industrial Revolution (major unions, strikes, and labor leaders), Progressive era "trust busting," causes and consequences of the Great Depression, labor law and worker's rights. 1960s War on Poverty, and changes in the American class structure and domestic economy since 1970. The last third of the course focuses on current global issues affecting the U.S. economy. Topics include the World Bank, IMF, WTO, NAFTA and controversies over globalization, free trade, and workers rights. Case studies will focus on U.S. – Latin America economic relations.

HIST 0275 AFRICAN-AMERICAN HISTORY AND CIVIL RIGHTS SINCE 1865 (3) The course examines African-American history from the Civil War to the present, focusing on the modern Civil Rights Movement (1950s-70s) as one of the most significant events in U.S. history. Topics include: origins of segregation, rise of Jim Crow, early civil rights organizations, Harlem Renaissance, impact of the Great Depression and WWII, and a detailed analysis of the Civil Rights Movement and current civil rights issues.

HIST 0311 MODERN CIVIL RIGHTS MOVEMENTS 1945 – PRESENT (3)This course offers an analysis of a wide range of civil rights movements, including African-American, Native American, Chicano/Puerto Rican, gay and lesbian, and prisoner's rights. Other minority groups may also be included. Readings examine the key leaders, organizations and philosophies associated with each movement. The impact of racism, discrimination, prejudice, and homophobia on contemporary society will also be explored.

HIST 0350 SENIOR SEMINAR: EARLY AMERICAN HISTORY (3) An in-depth research and/or reading experience in early American history, building upon the student's background and interests. The course will include discussion, criticism by classmates, and analysis by the instructor. Prerequisites: two 0200-level courses in the field or the equivalent.

HIST 0352 THE AMERICAN REVOLUTIONARY ERA AND THE EARLY REPUBLIC, 1763-1815 (3) This course explores the background and causes of the American Revolution, the military, social, political, and diplomatic aspect of the Revolution. The government under the Articles of Confederation and the drafting of the United States Constitution will be examined as well as problems faced by the new nation. Topics include the emergence of political parties, the evolution of the three branches of government, and Jeffersonian America. Prerequisite: HIST 0131.

HIST 0357 THE CIVIL WAR AND RECONSTRUCTION, 1845-1877 (3) This course examines the nature of American Slavery, Abolitionist Movement, causes and course of the war, soldiers' experiences, Emancipation, hopes and dreams of the freed slaves, successes and failures of Reconstruction, betrayal of African-American civil rights, the rise of segregation, lynching, and Jim Crow. Prerequisite:HIST 0131

HIST 0361 INTERNSHIPS IN AMERICAN HISTORY (1-15) A program centering on study and internship in various career fields allied to the study of American History. These may include museum work, historical restoration projects, local archaeology, archival work, and historical editing (editing is limited to 1 credit per semester; a maximum of 3 credits may be earned). While gaining practical work experience through the internship program, the student will also be undertaking a directed research project associated with the area of internship. Prerequisite: permission of director of internships.

HIST 0362 NATIVE AMERICAN HISTORY (3) This course will provide students with an examination and analysis of the history of native Americans in the United States, through the early twentieth century with brief discussion of native history in the modern era. The class will also investigate the origins of human habitation in north America, the significant cultural exchanges that occurred, various tribal histories and the growing interactions between native people and the various new arrivals (Spanish, French, English, etc...) on the continent of North America. Prerequisite: HIST 0131 and HIST 0132.

WORLD

HIST 0213 WORLD HISTORY TO 1600 (3) Survey of the origins and development of several of the world's main civilization from prehistory to hemispheric unification in the 16th century. Examines religious, cultural, political, economic and intellectual evolution of the global community, with an emphasis on intercultural contracts.

HIST 0215 INTRODUCTION TO THE MIDDLE EAST, AFRICA AND ASIA (3)Thiscourse uses primary sources, biography, short novels, and film to engage students in learning and discussion about the Middle East, Africa and Asia. Topics include the historical method, Arab-Islamic civilization, imperialism and colonialism; Africa's "triple heritage" indigenous customs, Islam, and interaction with the West; women's movements) and Buddhism. Themes include social, political, and economic organization, religion, gender, resistance movements, globalization and comparative analysis.

HIST 0276 LATIN AMERICA TO 1800 (3) This course offers a broad survey of Latin American history. Topics include: native cultures and civilizations; impact of Spanish and European colonialism; the role of the Catholic Church; slavery and race relations; political , economic, and social patters of development: and cultural achievements.

HIST 0277 LATIN AMERICA SINCE 1800 (3) This course examines broad themes in modern Latin American history. Topics include: independence movements; political economics, and social patters of development; the Mexican Revolution and its legacy; the role of the military in Latin America; human rights struggles; and the impact of U.S. foreign policy. Special focus on Mexico, Argentina, Brazil, Chile, Columbia, Cuba and selected Caribbean and Central American countries.

HIST 0278 WOMEN IN LATIN AMERICA (3) This course examines the lives of women in Latin America from the colonial period to the present, specifically exploring the intersections of class, nation or nationality, race, ethnicity, and gender. The lives of specific, iconic women such as Eva Peron or Rigoberta Menchu, will be examined as well as the lives of everyday women, as they confront a variety of historical circumstances, for instance, industrialization, urbanization, political repression, globalization, and revolutionary movements This course will study women's experiences, roles and interests in the broader context of Latin American history.

HIST 0279 LATIN AMERICAN REVOLUTIONS (3) An exploration of a variety of Latin American revolutions from independence in the early 1800's to the present to understand how evolutionary movement emerge, why people choose to participate in those movements, and how counter-revolutions emerge. This course examines how factors like race, class, gender, and ethnicity impact revolutionary movements. Case studies will be drawn from a variety of Latin American contexts, such as Haiti, Mexico, Cuba and Nicaragua, so that students may look comparatively at this divers and complex region.

HIST 0283 THEMES IN AFRICAN HISTORY (3) Major themes include: slavery; colonialism; Islam in Africa; modernization theory; resistance and independence movements; women's experiences; U. S. foreign policy; and Africa in the 21st century. These themes are explored in comparative context using select countries in southern Africa, west Africa, central and east Africa as case studies. Through historical documents, literature, maps, oral histories, and film, students acquire a grounding in African history.

HIST 0286 TRADITIONAL ASIA TO 1700 (3) A study of the historical and cultural foundations of China, Korea, India, and Japan including their dynastic developments until the eighteenth century. Prerequisite: HIST 0101 **or** HIST 0213.

HIST 0287 ASIA SINCE 1700 (3) Western contacts with Asia beginning with the eighteenth century, emphasizing the Chinese world view in the History of Asia, including the emergence of Modern China and Japan. Prerequisite: HIST 0101 **or** HIST 0213.

HIST 0290 PROBLEMS IN WORLD HISTORY (3) These courses are designed to focus the attention of the student on a specific problem within the scope of historical study the fields of Africa, Asia, or Latin America. The problems will be of contemporary interest; and they will include intensive research, readings, class discussions, and the production of a scholarly paper. The field and problem(s) will be designated prior to the semester in which the course is offered. This course may be taken 3 times for credit.

HIST 0292 CRISIS IN THE MIDDLE EAST (3) Explores current developments and the historical roots of conflict in the Middle East, focusing on Palestine, Egypt, Turkey, Jordan, Iraq, Lebanon, and more. Topics include: Arab-Islamic civilizations; imperialism and colonialism; nationalism; women's movements; economic globalization; research methods; art, literature, dance and music. This course provides a basis for understanding the critical historical developments of our times. Sources include primary and secondary literature, film, and photography.

HIST 0325 WOMEN AND REVOLUTION:REGIONAL CASE STUDIES (3) This course focuses on women's histories in various geographical regions of the world. Regions may include the Middle East, Africa, Asia, and Latin America. It explores women's participation in colonialism, war, nationalist and liberation movements, militarism, and the effects of these upon women. It examines such topics as women and racism, women's rights as human rights, relations among women across national boundaries,
Women and religion, lesbian and gay rights, politics, ecology, housing, health, work, and activism. Students may enroll more than once for credit, provided the topic is different. Prerequisite: Junior standing or permission of instructor.

HIST 0341 ORAL HISTORY: THEORY & PRACTICE (3) This course links theory and practice, providing an in-depth exploration of issues in the field of oral history, along with hands on, experiential learning. Students are trained in and engage in designing, conducting, and transcribing interviews. They learn about the contributions of oral history as documentation, and as a practice central to global studies. Through case studies, students learn about oral history as a practice of indigenous societies throughout the world. We explore the impact of historical developments such as colonialism, on oral history practices, and we explore relevant class, race, and gender issues.

HIST 0370 PROBLEMS IN AFRICAN HISTORY (3) Intensive guided research and presentations of written results in a scholarly manner on a major topic of historical interest in African studies. Topics such as nationalism, state formation and colonial institutions may be selected depending on research facilities and student interest. The major topic will be designated in advance of registration. The course may be taken three times for credit.

HIST 0371 PROBLEMS IN MIDDLE EAST HISTORY (3)How do the range of peoples living in the regions currently defined the Middle East view their own histories and in what ways are those views grounded in history? This course examines historical and current literature from the Middle East and by Middle Easterners living outside of the Middle East to ascertain the relationship between today and yesterday. Students receive a solid grounding in historical methodologies shaping knowledge about this region. The course provides a basis for understanding major political developments, economic trends, and social movements of the twentieth century Middle East, moving into the twenty-first.

HIST 0373 MODERN LATIN AMERICA (3) An opportunity to study modern Latin America's struggle with elites, military and civilian juntas, regional pacts, and national security v. human rights since 1950. Lectures and directed readings will provide opportunities for in-depth special interest research and study.

HIST 0375 U.S. - LATIN AMERICA RELATIONS SINCE 1898 (3) This course explores the history of U.S. intervention (economic, political and military) in Latin America since 1898 (the Spanish-American War). Topics include: struggles over human rights; treatment of indigenous populations; U.S. support for military dictatorships; the Cuban Revolution; the war on drugs; globalization; and free trade. Primary focus is on Central America and the Caribbean.

GENERAL

HIST 0120 THE HISTORY/ SOCIAL STUDIES TEACHER (1) This course is designed for history majors who hope to become middle and high school social studies teachers. Students are introduced to the Massachusetts Curriculum Frameworks, NCATE and NCSS standards and themes, Conceptual Framework, the use of technology, and lesson planning. Advice is provided on course selection and how to ensure successful fieldwork experiences. Students begin to develop their required Teaching Portfolio. This course is offered with Pass/Fail grading only.

HIST 0302 INTRODUCTION TO HISTORICAL RESEARCH AND ANALYSIS (3) Seminar that cover the basic skills essential to studying history. Through intensive study of exemplary scholarly works, students learn how too read discuss, and write about historical literature critically. Also provides workshops in which students develop and sharpen skills and oral presentation. Special attention is given to familiarizing students with all aspects of the research process. Prerequisites: HIST 0101**and** 0102; **and** HIST 0131 **and** 0132; **or** permission of instructor.

HIST 0332 METHODS OF TEACHING HISTORY: MIDDLE AND SECONDARY (3)A practical experience for students planning a career as a middle and/or secondary school history teacher. This course covers a variety of topics, including lesson and unit planning, active learning, critical thinking, assessment techniques, classroom management, and textbook analysis. Content focuses on teaching U.S. History, World History, government/civics, geography, and current events.Should be taken semester prior to student teaching. Required 30 observation hours. Prerequisites EDUC 0221, EDUC 0354 and HIST 0120.

HIST 0385 PSYCHOHISTORY (3) To explore the possible relationships between psychoanalytical theory, biography, and historical movements. An examination and evaluation of some of the works on psychohistory and psychobiography will be included. Theoretical questions concerning the relationships between psychobiology, psychoanalytical theory, and biographical traits will be viewed.

HIST 0399 INDEPENDENT STUDY I, II, III (3) Independent study consists of directed reading and research on an historical subject agreed upon by the student and instructor and approved by the Chair of the Department. Arrangements must be made with the instructor and Chair before registering for this course.

Liberal Studies

For students, the flexibility of the Liberal Studies major offers an opportunity to design an individual program of studies that creatively integrates three areas of interest.

This major is an option for students unable to satisfy their educational goals within the existing structure of academic majors at Westfield State University for several possible reasons:

a) Broad career or educational goals which can only be met by interdisciplinary study.
b) Strong academic interests that cut across departmental lines.
c) A major unavailable in the field of primary interest.

The Liberal Studies major is an excellent choice for students seeking licensure in Elementary, Early Childhood, Middle School (Humanities or Math and Science), or Special Education. (All prospective teachers in Massachusetts are required to complete a liberal arts, sciences, or interdisciplinary major). Students seeking these licenses may be best served by completing the Multidisciplinary Liberal Studies Track.

Students are accepted into the program only with the approval of the program chair.

INTERDEPARTMENTAL TRACK

In the major, the three areas of concentration are chosen by the student with the approval of the program chair. These areas are not to be chosen haphazardly, but should be interrelated when viewed in conjunction with the student's educational goals. For example, a student interested in television reporting might choose to combine English with Mass Communication and Political Science; another with a passion for ancient Greek culture might combine Philosophy with History and Mathematics or Art.

MULTIDISCIPLINARY TRACK

In the Multidisciplinary Track, two of the three areas of concentration are linked to coursework in the humanities and math and science. The third area of concentration consists of 18 credits of coursework in one academic discipline. With the exception of coursework in reading, students completing the multidisciplinary track may not select education coursework. Also, students may not select coursework from criminal justice, business, computer science, or communication as their third area.

REQUIREMENTS FOR THE B.A. IN LIBERAL STUDIES

1. The University Common Core.

2. The Major, consisting of a primary area of concentration, 18 credits; a secondary area of concentration, 15 credits; and a third area of concentration, 12 credits, for a total of 45 credits. Students seeking education licensure are advised to select their distribution areas in consultation with the Program Chair or an advisor in the Academic Advising Office.

3. Electives (sufficient credits to reach the 120 required for graduation).

REGULATIONS

1. The three areas of concentration may be selected from specific departments or from coherent groups of courses (e. g., Ethnic Studies, Women and Gender Studies).

2. Within each area of concentration, the selection of courses should not be random, but should reflect a coherent pattern designed by the student and approved by the program chair.

3. Students are expected to choose areas of concentration which are intellectually complementary.

4. Only two introductory courses (normally courses in the 0100 number sequence) may be taken in the major program; however, some exceptions may be made for mathematics, language and science coursework. Any 0100-level coursework above the two introductory courses must be approved by the Liberal Studies Program Chair.

5. Most Liberal Studies programs qualify the student to receive the Bachelor of Arts degree. The Bachelor of Science in Liberal Studies is granted when two of the three areas of concentration are chosen from the departments of Business Management, Computer Science, or Criminal Justice.

6. Coursework applied to the Liberal Studies major may not also be used to fulfill the requirements of a second major or to earn a minor.

REQUIREMENTS FOR THE B.S. IN LIBERAL STUDIES

The B.S. is designed to be an intellectually coherent interdisciplinary concentration providing study in two professional disciplines as well as a related liberal arts area.

The credit requirements are the same as those listed above for the B.A. in Liberal Studies.

For the B.S. degree, two of the three concentrations are chosen from the departments of Economics and Management, Computer Science and Criminal Justice.

The third area of concentration may be selected from other departments or from approved academic programs such as Ethnic Studies or Women and Gender Studies.

Mathematics

The Mathematics Department offers its majors an energetic and dedicated faculty who find the world of mathematics exciting and challenging, and coursework that provides them with opportunities to experience the wonders of mathematics themselves.

The Mathematics faculty is proud of their commitment to creative classroom instruction and active learning. Examples of these alternative educational experiences include the use of activities and projects, portfolios, group work and cooperative learning, guided discovery approaches to problem solving, outside mathematics activities, sidewalk chalk mathematics, writing about mathematics, reading and writing about mathematical literature, sending student groups to the blackboards, explorations using mathematical manipulatives, student presentations at conferences, innovative faculty-developed course materials in lieu of standard textbooks, community service, and technology. Many of these pedagogies, by requiring that students work together, help to create an inclusive, interactive learning environment where students develop important communication and interpersonal relationship skills.

Mathematics graduates work as teachers, actuaries, industry mathematicians, for government agencies, and in many other fields requiring their specialized skills. Our majors have gone on to earn graduate degrees in mathematics, statistics, and information technology.

REQUIREMENTS FOR MATHEMATICS MAJORS

Requirements (39 credits)

MATH 0105 Calculus I	(4)
MATH 0106 Calculus II	(4)
MATH 0220 Discrete Structures	(3)
MATH 0218 Linear Algebra	(3)
MATH 0201 Calculus III	(4)
MATH 0390 Senior Seminar in Mathematics	(3)
Six (6) additional 0300-level, 3-credit mathematics courses	(18)

At most, 6 credits of any combination of MATH 0360 and MATH 0399 can count toward the major.

LICENSURE FOR TEACHER OF MATHEMATICS (5-8, 8-12)

The Westfield State University program for licensure for teachers of Mathematics has been recognized by the National Council of Teachers of Mathematics.

Student progress toward meeting Advanced Standing in Teacher Education is monitored at the end of the sophomore year (57 credits). Please see section on Licensure for Teacher Education.

In order to be eligible for student teaching, a student must have completed all required course and field work, have an overall GPA of 2.8 (including transfer work), and have a passing grade in the appropriate Massachusetts Tests for Educator Licensure (i.e., Communication and Literacy and subject matter tests).

Undergraduate mathematics majors who wish to be certified to teach Mathematics at the Middle or High School levels must:

Choose their math major electives to satisfy the mandated teacher certification competencies;

Complete the courses that satisfy certification competencies with no grade lower than C;

Complete the Professional Sequence for Middle and Secondary Specialist, described in the Education Department listings;

Take MATH 0337, Foundations of Secondary and Middle School Mathematics.

REQUIREMENTS FOR MATHEMATICS MINORS (18 CREDITS)

The minor in mathematics consists of 18 credits of mathematics courses including

MATH 0105 Calculus I	(4)
MATH 0106 Calculus II	(4)

Any 200-level or 300-level mathematics course can count towards the minor.

At most two additional 100-level mathematics courses can count towards the minor.

CAIS 0351, Theory of Computation, can count towards the minor.

REQUIREMENTS FOR THE DOUBLE MAJOR: MATHEMATICS AND ECONOMICS

By selecting appropriate core courses and mathematics electives, a Mathematics major may add a second major in Economics by completing 15 credits of additional upper-level coursework in Economics.

Required Core Courses (6 credits)

ECON 0101 Principles of Macroeconomics	(3)
ECON 0102 Principles of Microeconomics	(3)

Required Economics Courses (6 credits)

ECON 0201 Microeconomic Theory	(3)
ECON 0202 Macroeconomic Theory	(3)

Economics Elective Courses (9 credits)

ECON 0300 Money and Banking	(3)
ECON 0301 Law and Economics	(3)
ECON 0302 Economic History of the United States	(3)
ECON 0303 Economics of Development	(3)
ECON 0304 Urban Economics	(3)
ECON 0305 Introduction to Econometric Methods	(3)
ECON 0306 Managerial Economics	(3)
ECON 0307 Economics of Gender, Race & Ethnicity	(3)
ECON 0312 Labor Economics	(3)
ECON 0314 Industrial Organization	(3)
ECON 0315 Public Finance	(3)
ECON 0316 Economic History of Europe	(3)
ECON 0318 International Economics	(3)
ECON 0319 Development of Economic Thought	(3)

ECON 0320 Environmental Economics	(3)
ECON 0321 Natural Resource Economics	(3)
ECON 0322 Economics of Sports	(3)
ECON 0350 Current Economic Issues	(3)
ECON 0398 Senior Research Seminar	(3)
ECON 0399 Independent Study	(3-6)
MGMT 0338 International Business	(3)

Mathematics Elective Courses (6 credits)
Students double-majoring in mathematics and economics must take two of the following mathematics courses. These two mathematics courses will count towards fulfilling the requirements of both majors.

MATH 0333 Applied Statistics	(3)
MATH 0334 Operations Research and Modeling	(3)
MATH 0340 Mathematical Statistics I	(3)
MATH 0341 Mathematical Statistics II	(3)

Courses

MATH 0104 PRE-CALCULUS (3) Topics covered include an in-depth investigation of functions; graphing; exponential and logarithmic functions; and trigonometry. Prerequisite: High School Algebra II.

MATH 0105 CALCULUS I (4) A standard first semester course in calculus. Topics include limits and continuity, the derivative and its properties, applications of differentiation, introduction to anti-differentiation, the definite integrals, and the Fundamental Theorem of Calculus. Prerequisite: Four years of High School mathematics, including Algebra I and II and Geometry, or MATH 0104.

MATH 0106 CALCULUS II (4) A continuation of Calculus I. Topics include techniques of integration, applications of the integral, series and sequences, L'Hôpital's Rule, approximation of functions. Prerequisite: MATH 0105.

MATH 0108 ELEMENTARY STATISTICS (3) An introduction to basic concepts and techniques of statistics for students needing skills for research techniques in education, business, and the physical, life, and social sciences, or simply to understand the mass of statistical information in modern life. Topics include: graphical techniques such as histograms or box plots; measures of location and spread; scatter plots and correlation; sampling and sampling distributions; estimation and statistical inference (confidence intervals and/or hypothesis testing). Prerequisite: High School Algebra II.

MATH 0110 MATHEMATICAL EXPLORATIONS (3) An introductory course designed to provide the liberal arts major with an opportunity to develop a broader appreciation of mathematics by exploring ways in which the artistic, aesthetic, intellectual, and humanistic aspects of mathematics are as important as its utility. Topics may include: mathematical reasoning, the infinite, topology, chaos and fractals, symmetry, elementary number theory, modern geometry, and the history of mathematics. Prerequisite: High School Algebra II.

MATH 0111 MATHEMATICAL APPLICATIONS (3) An introductory course designed to provide the liberal arts major with opportunities to investigate ways in which mathematics is used to solve real world problems in a variety of disciplines. Applications may include such topics as voting schemes, fair division, networks, scheduling, finance, probability and statistics. Prerequisite: High School Algebra II.

MATH 0115 MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES (3) An introduction to algebraic modeling, with an emphasis on applications in business and the social sciences. Topics include: using algebraic models to describe the relationship between variables, using graphs to visualize models, and choosing and interpreting various models. Calculus is introduced and is used as a tool for studying the structure of algebraic models. Prerequisite: High School Algebra II.

MATH 0153 FOUNDATIONS: NUMBER SYSTEMS (3) An introductory course on number systems. Topics will include: the development and properties of various number systems (such as integers, rational, real, and complex numbers); and operations and different representations in these number systems (such as those in bases other than 10). Students will develop a conceptual understanding of the course material in a learning environment that models the pedagogical foundations of the Massachusetts Curriculum Frameworks for Mathematics and the National Council of Teachers of Mathematics (NCTM) Standards. Prerequisite: High School Algebra II.

MATH 0201 CALCULUS III (4) A continuation of Calculus II. Topics include vector functions and calculus of curves in space, differential calculus of multivariate functions, integral calculus of multivariate functions, polar, spherical and cylindrical coordinates, parametric equations, Cartesian coordinates, line and surface integrals. Prerequisite: MATH 0106 and MATH 0218

MATH 0216 STUDIES IN THE LITERATURE OF MATHEMATICS (3) A study of mathematical literature devoted to selected topics from fundamental scientific, philosophical, artistic, cultural, and technological questions, debates, and revolutions. Source material will be taken from the widely varied genres of mathematical literature: fiction, drama, essays, memoirs, exposition for lay audiences, history, and philosophy. Regular class discussions, regular writing assignments, poster projects, and research papers actively will involve students in analyzing and/or creating literature, which reflects both their role in and the understanding of the mathematical experience. Prerequisites: ENGL 0101 and at least one 0100-level mathematics course.

MATH 0218 LINEAR ALGEBRA (3) Study of fundamental concepts of linear algebra over the field of real numbers. Topics include solution of simultaneous linear equations, vector spaces, linear independence and dependence, basis, subspaces, linear transformations and matrices, eigenvalues, eigenvectors. Prerequisite: MATH 0105.

MATH 0220 DISCRETE STRUCTURES (3) An introduction to discrete mathematics. Topics will include Boolean algebra and logic, set theory, an introduction to mathematical proof using set theory and logic, relations and functions, recursion, and historical topics related to discrete mathematics, such as Godel's Theorem and the concept of Turing machines. Additional topics, such as graph theory or finite difference equations, may be covered at the instructor's discretion. Prerequisite: MATH 0105.

MATH 0250 FOUNDATIONS: PATTERNS, REASONING AND ALGEBRA (3) An introductory course in the foundations of mathematics. Topics include: finding, analyzing, and describing patters; sets and classification; functions and relations; inductive and deductive reasoning; problem solving; and logic. Students will develop a conceptual understanding of the course material in a learning environment that models the pedagogical foundations of the Massachusetts Curriculum Frameworks for Mathematics and the National Council of Teachers of Mathematics (NCTM) Standards. Prerequisite: MATH 0153.

MATH 0251 FOUNDATIONS: GEOMETRY (3) An introductory course on geometry and measurement. Topics will include: Euclidean geometry, characteristics and properties of 2- and 3-dimensional shapes, topology, symmetry and transformational geometry, the development of measure, and the derivation of measurement formulae. Students will develop a conceptual understanding of the course material in a learning environment that models the pedagogical foundations of the Massachusetts Curriculum Frameworks for Mathematics and the National Council of Teachers of Mathematics (NCTM) Standards. Prerequisite: MATH 0153.

MATH 0252 FOUNDATIONS: DATA ANALYSIS AND PROBABILITY (3) The study of the foundations of data analysis and probability. Topics will include understanding, constructing, and computing data graphs and numerical summary measures; probability models; and statistical inference. Students will develop a conceptual understanding of the course material in a learning environment that models the pedagogical foundations of the Massachusetts Curriculum Frameworks for Mathematics and the National Council of Teachers of Mathematics (NCTM) Standards. Prerequisite: MATH 0153

MATH 0301 ABSTRACT ALGEBRA I (3) A study of groups, rings, integral domains and fields, with special emphasis on the real and complex fields. Prerequisite: MATH 0311.

MATH 0304 DIFFERENTIAL EQUATIONS (3) Geometric and physical meaning of differential equations. Theory and solution of first, second and higher order linear and non-linear differential equations. Initial and boundary value problems. Finite difference equations. Prerequisites: MATH 0106 and MATH 0218.

MATH 0306 MODERN GEOMETRIES (3) An integrated course consisting of intuitive, synthetic, and analytic approaches to Euclidean and other geometries. Topics will include axiomatic foundations, finite geometries, non-Euclidean geometries, and synthetic projective geometry. Prerequisite: MATH 0218.

MATH 0308 REAL ANALYSIS (3) Topology of real numbers, Cauchy sequences, metric completeness, continuity, compactness, connectedness. Sequence and series and uniform convergence of infinite series. Derivatives and definite integrals. Prerequisite: MATH 0201.

MATH 0309 TOPOLOGY (3) A simple, thorough survey of the elementary topics of point-set topology of the real line and plane topological spaces; metric spaces; mappings; connectedness; compactness. Prerequisite: MATH 0201.

MATH 0311 NUMBER THEORY (3) Properties of integers including congruence, primes and factorization, continued fractions, quadratic residues, linear diophantine equations and number theoretic functions. Prerequisite: MATH 0105.

MATH 0323 COMPLEX ANALYSIS (3) Algebra of complex numbers, analytic functions, Cauchy Riemann conditions, conformal mapping, line integrals, Cauchy integral formula, residue integration, Taylor and Laurent series. Prerequisite: MATH 0201.

MATH 0333 APPLIED STATISTICAL AND EXPERIMENTAL DESIGN (3) A study of the application of statistical procedures employed in empirical research and methods used in interpreting numerical results. Topics in statistics include: introduction to descriptive and inferential statistics, hypothesis testing, parametric and non-parametric tests (correlation, regression, the t-test, analysis of variance, and factor analysis). The underlying assumptions of several experimental designs will also be examined. Prerequisite: MATH 0108 or MATH 0252 or MATH 0340.

MATH 0334 OPERATIONS RESEARCH AND MODELING (3) A study of mathematical modeling and of the models of interest in operations research, which may include distribution problems, linear programming, the simplex method and applications. CPM, network problems, non-linear programming problems, Markov chains, queuing models, and simulation. Prerequisites: MATH 0106 and MATH 0218.

MATH 0335 NUMERICAL ANALYSIS (3) Intended for majors in mathematics or computer science. Methods of finding approximate numerical solutions to mathematical problems are explored using a scientific computer programming language. Standard algorithms of numerical analysis will be chosen from: numerical integration, nonlinear equations, computational probability, differential equations. Prerequisites: MATH 0106 and MATH 0218.

MATH 0337 FOUNDATIONS OF SECONDARY AND MIDDLE SCHOOL MATHEMATICS (3) Designed to build upon student's mathematics background, relating students' mathematical knowledge to understanding and teaching the middle or secondary school mathematics curriculum. Topics to be considered are: geometry, algebra, basic skills, number theory, probability and statistics and the use of calculators and computers in the classroom. A thirty (30) hour field experience is a course requirement. Prerequisites: Junior/senior standing in the major.

MATH 0340 MATHEMATICAL STATISTICS I (3) A calculus-based introduction to probability and statistics. Topics include graphical techniques for data analysis (histograms, stem&leaf displays, box plots), set theory, principles of counting, sample spaces, discrete and continuous probability distributions, probability functions, random variables, moment-generating functions, statistical inference (point estimation, decision-making based on confidence intervals/hypothesis testing). Prerequisite:MATH 0106.

MATH 0342 ACTUARIAL PROBLEM SOLVING (3) Develops knowledge of the fundamental probability tools for quantitatively assessing risk. The application of these tools to problems encountered in actuarial science is emphasized. A thorough command of probability topics and the supporting calculus is assumed. Additionally, a very basic knowledge of insurance and risk management is helpful. This course is designed to help prepare for actuarial certification and employment. This course may be available every other year by special arrangement with one of the mathematics faculty. Prerequisites: MATH 0201 and MATH 0340.

MATH 0352 FOUNDATIONS OF TEACHING MATHEMATICS: PREK-6 (2) Designed to introduce the prospective early childhood, elementary, and special education school teacher to the teaching of mathematics. An activity-based format will be used to create a learning environment that fosters an exploration of the processes of mathematics. Emphasis will be placed on the role and use of manipulatives in a laboratory setting that encourages the development of fundamental concepts in mathematics. Topics may include:the inductive and deductive processes, measurement, graphing, cognitive development theory, the learning cycle, discussion of innovative projects, state and national frameworks, techniques for assessment, number and arithmetic operations, patterns, variables, modeling and geometry. Three contact hours per week, including substantial laboratory/activity time. Prerequisite: MATH 0250.

MATH 0353 MATHEMATICS TEACHING APPRENTICESHIP (3) Provides prospective teacher candidates with a mathematically focused pre-practicum teaching/mentoring experience in a local school. Students will put the methods of teaching mathematics developed in MATH 0352 into practice by working with students on a weekly basis throughout the semester. Their work will be supervised by both the elementary school classroom teacher and the University faculty member who will regularly be on site. Content of class meetings will focus on reflection, assessment, and analysis of these experiences. Can be repeated for credit with permission of instructor. Not for MATH only majors – does not count in the 6 300-level requirement. Prerequisite: MATH 0352.

MATH 0360 CURRENT TRENDS IN MATHEMATICS AND MATHEMATICS EDUCATION (1-3) Students will work individually with a professor on a project or activity relating to current innovations in mathematics or mathematics education. Potential sources for study include: evaluation of innovative textual materials, trends in media and technology development, evaluation of software, development of laboratory materials, attendance at professional conferences, review and analysis of journal articles, and the presentation of reports on individual and institutional research activities. Course may be taken up to two times with the permission of the department chair. Prerequisite: Permission of instructor.

MATH 0390 SENIOR SEMINAR IN MATHEMATICS (3) A capstone experience for senior mathematics majors which unifies many areas of the undergraduate curriculum and serves as a rite ofpassage into the community of mathematicians. The curriculum is topical in nature and varies by course offering. Topics studied are of contemporary importance and are considered from their historical genesis through their current role in the ongoing development of the field of mathematics. Prerequisite/Corequisite: Five (5) 300 level 3-credit Math courses.

MATH 0398 INTERNSHIP IN MATHEMATICS (3-15) Internship in mathematics for full-time, upper level mathematics majors. Prerequisites: Junior/senior standing and dept. permission.

MATH 0399 INDEPENDENT STUDY (1-6) Independent study of topics in mathematics under careful faculty supervision. Intended for capable students to broaden their mathematics program or to gain depth in a particular area of interest. Prerequisite: permission of instructor and department Chair.

Movement Science, Sport, and Leisure Studies

The Department of Movement Science, Sport, and Leisure Studies offers a Bachelor of Science degree in Movement Science and a Bachelor of Science degree in Athletic Training. The department also offers a diverse selection of elective courses (theory and activity) designed to meet the needs and interests of today's students.

The foundation of the Movement Science major prepares the students to pursue several career alternatives and/or graduate study. In addition to the twenty-nine (29) credit hours of the major core, Movement Science majors are required to complete a concentration in either Sports Medicine, Exercise Science, Physical Education Teaching Licensure, or Wilderness Leadership. All concentrations require that the student satisfactorily complete at least 21 credits of specified courses and an internship. In lieu of an internship, students may select two upper level courses offered by the department. Only those students electing to do an internship/practicum/clinical experience will be recognized for the concentration on their transcript.

The Athletic Training Education Program (ATEP) at Westfield State University is an undergraduate degree program within the Department of Movement Science, Sport and Leisure Studies. The ATEP is nationally accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Upon successful completion of the program the student will have met the academic and clinical requirements necessary to sit for the Board of Certification (BOC) examination. WSU's program is comprehensive and academically challenging. The ATEP has competitive enrollment and specific requirements for admission and retention.

In addition to aligning with the University mission, the Movement Science Department and Athletic Training Education Program are well positioned to prepare students for the changing healthcare environment. A gradual shift from an illness to a wellness model of health care is drawing long overdue attention to movement related professions. The joint American College of Sports Medicine and American Medical Association initiative *Exercise is Medicine* is laying important groundwork for career opportunities. The *Exercise is Medicine* initiative is designed to *make physical activity and exercise a part of the disease prevention and treatment paradigm in the United States* (www.exerciseismedicine.org). A related, National Athletic Trainers' Association legislative initiative, *Athletic Trainers' Equal Access to Medicare Act of 2009 (ATEAM)*, is a national bill before the senate and House of Representatives that will include athletic trainers as a referral option for physical medicine and rehabilitation services under Medicare Part B. After successfully completing one of four concentrations, Sports Medicine, Health Fitness, Physical Education Teaching Certification, or Wilderness Leadership, our graduates accept positions in a wide variety of graduate programs: exercise science, physical therapy, occupational therapy, physician assistant, athletic training, public health, nursing, and education to name a few. Our graduates work in a wide variety of settings: physical education (elementary and secondary), cardiac rehabilitation, echocardiogram technology, physical therapy, occupational therapy, physician assistant, personal training, strength and conditioning for professional sports, and corporate fitness.

The Movement Science Department also offers a minor in Wilderness Leadership and an interdisciplinary minor in Commercial Recreation and Tourism with the departments of Economics and Management and Geography and Regional Planning.

REQUIREMENTS FOR THE MOVEMENT SCIENCE MAJOR

All Movement Science Majors must complete the twenty-nine (29) credits of courses specified below and one concentration offered by the department. A minimum grade point average of 2.5 in the Major Core Classes is required to be eligible to graduate with a degree in Movement Science.

MAJOR CORE CLASSES

MOVP 0100 Introduction to Exercise Science	(3)
MOVP 0105 Foundations of Movement Science I	(3)
MOVP 0106 Foundations of Movement Science II	(3)
BIOL 0237 Anatomy and Physiology I	(4)
BIOL 0239 Anatomy and Physiology II	(4)
MOVP 0202 Introduction to Motor Learning	(3)
MOVP 0203 Motor Development and Behavior	(3)
MOVP 0204 Kinesiology	(3)
MOVP 0205 Physiology of Exercise	(3)

In order to progress through the Movement Science major, students must meet the academic and professional development criteria necessary to earn intermediate and advanced standing in the department as outlined in the Professional Development section below.

MOVEMENT SCIENCE MAJOR CONCENTRATIONS

EXERCISE SCIENCE CONCENTRATION

The Exercise Science Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) through the Commission on the Accreditation of the Exercise Sciences (CoAES). Upon successful completion of the program the student will have met the academic requirements necessary to sit for an examination for a nationally recognized certification in exercise and sport science.

Exercise Science Concentration Entrance (Acceptance) Requirements

All students in the Department of Movement Science, Sport and Leisure Studies may apply to the Exercise Science Program (ESP). Students will graduate with a Bachelor of Science degree in Movement Science with a concentration in Exercise Science. Only students formally accepted into the Exercise Science Program may gain a complete clinical experience in the Exercise Science setting by completing the Internship in Exercise Science Capstone course. The number of students accepted each semester will vary in accordance with retention and graduation rates. There is a minimum 4-semester commitment, and, therefore, students are encouraged to apply during their second semester sophomore year. Admission to the program is competitive, and based on the following criteria.

Admissions Minimal Requirements

Students interested in applying for entrance to the Exercise Science Program must meet the following prerequisite requirements:

1. Students must have completed or in the process of completing the Intermediate Standing Admissions process (details of Intermediate Standing process can be found in MSSLS Department Program Manual)
2. Completion or enrollment in MOVP 0101 (Clinical Experiences in Exercise Science I)
3. Minimum overall GPA of 2.7

Application materials may be found in the Exercise Science Program Manual.

ransfer students will be considered on an individual basis based on niversity policies explained in the Admission section of this Bulletin, addition to courses and clinical experiences completed at the preous institution. Any courses considered equivalent to the required ourses must be presented to the Department Chair and/or Program irector(s) for approval prior to application. A copy of the course deription, course syllabus and confirmation of grade/course completion required for review.

nce accepted into the Exercise Science Program, the student will be quired to meet the academic and clinical requirements of the proam as outlined in the Exercise Science Program Manual. Students ust be granted Advanced Standing and complete an internship in orr to graduate from the Exercise Science Program.

he following is a listing of the Exercise Science concentration course quirements beyond those of the Movement Science core:

equired Course List:

MOVP 0101 Clinical Experiences in Exercise Science I	(1+1)*
MOVP 0107 Exercise Injuries: Prevention and Treatment	(3)
MOVP 0183 Relaxation Techniques	(1)
MOVP 0201 Clinical Experiences in Exercise Science II	(1+1)* †
MOVP 0212 Concepts of Nutrition	(3)
MOVP 0255 Functional Anatomy	(3)
MOVP 0292 Principles of Group Exercise Programming	(3)
MOVP 0305 Principles of Strength and Conditioning	(3)
MOVP 0310 Gerokinesiology	(3)
MOVP 0320 Fitness Assessment and Exercise Prescription	(3)
MOVP 0321 Supervising Sports/Fitness Programs	(3)
MOVP 0328 Fitness and Rehabilitation for Special Populations	(3)
MOVP 0390 Senior Seminar in Exercise Science	(1)
MOVP 0397 Exercise Science Capstone Internship	(4-12)

Choice of 1 of the following 1 credit courses:	(1)
MOVP 0113 Fitness for Adults: Walking	(1)
MOVP 0109 Aerobics	(1)
MOVP 0118 Step Aerobics	(1)
MOVP 0162 Strength Training and Conditioning	(1)
MOVP 0329 Basic EKG and Stress Testing	(1)

Choice of 1 of the following 3 credit courses:	(3)
MOVP 0332 Nutrition and Human Performance	(3)
MOVP 0335 Research Methods in Physical Activity and Health	(3)
MOVP 0331 Sport and Exercise Psychology	(3)
MOVP 0330 Sport Promotions	(3)
MOVP 0326 Children in Competitive Sports	(3)

Must be repeated once and may be repeated more than once, but no ore than 2 credits may be applied to the major.
Requires admission into the Exercise Science Program and a minium 2.7 overall GPA

dditional information about the Exercise Science Program may be und in the Exercise Science Program Manual.

SPORTS MEDICINE CONCENTRATION

The Sports Medicine option is a pre-professional preparation option which completes requirements for a movement science major, however, further study will be necessary in order to obtain credentialing in an allied health profession.

Required Course List:

MOVP 0107 Exercise Injuries: Prevention and Treatment	(3)
MOVP 0212 Concepts of Nutrition	(3)
MOVP 0234 Evaluation/ Upper Extremity Injuries	(3)
MOVP 0235 Evaluation/ Lower Extremity Injuries	(3)
MOVP 0319 General Medical Aspects of Physical Activity	(3)
MOVP 0323 Therapeutic Modalities	(3)
MOVP 0328 Fitness and Rehab for Spec Populations	(3)

Also required is:

MOVP 0395 Internship in Sports Medicine or Two upper level courses	(6)

In addition, students pursuing a career in an allied health field must meet prerequisite standards for graduate level education in that field (i.e., PT, OT, PA, etc.). Information on these requirements may be obtained from the Movement Science Department Office.

TEACHER OF PHYSICAL EDUCATION (ELEMENTARY OR SECONDARY) CONCENTRATION

The Westfield State University program for licensure for teachers of Physical Education has received "national recognition" from the National Association for Sport and Physical Education (NASPE) and the National Council for Accreditation of Teacher Education (NCATE).

Required Course List:

MOVP 0103 Introduction to Teaching Physical Education	(1)
MOVP 0260 (MOVP 0261) Analysis of Teaching Selected P.E. Skills I: Elementary (Secondary)	(4)
MOVP 0262 Analysis of Teaching P.E. Skills II	(2)
MOVP 0302 Measurement and Evaluation in P.E.	(3)
MOVP 0311 Adaptive Physical Education	(3)
MOVP 0313 (MOVP 0314) Physical Education Teaching Methodology: Elementary (Secondary)	(3)
MOVP 0316 Curriculum Planning and Implementation in P.E.	(2)
MOVP 0348 (0350) Practicum I: Elem(Secondary)*	(6)
MOVP 0349 (0352) Practicum II: Elem (Secondary)*	(6)
MOVP 0355 Practicum Seminar*	(3)
EDUC 0380 Multicultural Education	(3)

Students may substitute 6 credits of upper-level courses in the major for the practica and practicum seminar.

NOTE: Students must satisfy the following requirements prior to practicum placement:

1. A 2.7 average in English Composition I and II
2. A 2.8 overall GPA (including transfer work)
3. MSSLS advanced standing status and a minimum grade of 2.7 in MOVP 0313 or MOVP 0314
4. A passing grade on all required Massachusetts Tests for Educator Licensure.

Student progress toward meeting Advanced Standing in Teacher Education is monitored at the end of the sophomore year (57 credits). Please see section on Licensure for Teacher Education. Student teacher placements are limited to within a 30-mile radius of the campus.

WILDERNESS LEADERSHIP CONCENTRATION

Wilderness Leadership administers an experiential curriculum of traditional and alternative teaching methods both in the classroom and in the field that meets the needs of the individual student's technical and theoretical foundation of becoming a professional in the field of outdoor adventure leadership. This concentration prepares students for careers in outdoor education and to lead field trips and adventure trips within the leisure industry.

Required Course List:

MOVP 0199 Wilderness Experiences	(3)
MOVP 0245 Adventure Challenge Instructor	(3)
MOVP 0250 Techniques of Wilderness Leadership	(3)
MOVP 0190 First Aid and Emergency Care	(1)

One of the following:

BIOL 0128 Biological Concepts	(4)
ENVS 0106 Introduction to Environmental Analysis	(3)

One of the following:

MOVP 0309 Outdoor Recreation	(3)
EDUC 0312 Outdoor Education	(3)

As well as three activities' courses from the following list:	(3-5)
MOVP 0137 Skin and Scuba	(1)
MOVP 0138 Boating and Canoeing	(1)
MOVP 0139 Kayaking	(1)
MOVP 0154 Down Hill Skiing	(1)
MOVP 0155 Ski Touring and Snowshoeing	(1)
MOVP 0167 Camping Skills	(1)
MOVP 0172 Orienteering	(1)
MOVP 0173 Initiative Games and Ropes	(1)
MOVP 0180 Rock Climbing	(1)
MOVP 0182 Life Guard Training	(2)
MOVP 0184 Water Safety Instructor	(2)

Also required is:

MOVP 0398 Internship in Wilderness Leadership or Two upper-level courses in major	(6)

In consultation with advisor, students may want to pursue a minor in Biology, Business, or Environmental Science.

REQUIREMENTS FOR THE ATHLETIC TRAINING MAJOR - 69 CREDITS

Athletic training is practiced by athletic trainers, health care professionals who collaborate with physicians to optimize activity and participation of patients and clients. Athletic training encompasses the prevention, diagnosis, and intervention of emergency, acute, and chronic medical conditions involving impairment, functional limitations, and disabilities. The athletic trainer's professional preparation is based on the development of specified educational competencies and clinical proficiencies through a combination of formal classroom and clinical instruction and clinical experience. Athletic trainers' work settings can include high schools, colleges, universities, professional sports teams, hospitals, rehabilitation clinics, physicians' offices, corporate and industrial settings, military and law enforcement, and the performing arts (NATA, 2008)

ATEP ENTRANCE (ACCEPTANCE) REQUIREMENTS

A student wishing to enter the Athletic Training Education Program must be enrolled in the Department of Movement Science, Sport and Leisure Studies, and must apply for entrance into the Program. Only students formally accepted into the ATEP may serve as athletic training students, gaining clinical experience in an athletic training setting. The number of students accepted each year will vary in accordance with retention and graduation rates. The ATEP is a minimum 6-semester commitment and, therefore, students are encouraged to apply during their first year. On-campus and off-campus clinical experience is required in addition to the academic requirements. Admission to the Program is competitive and based on the following criteria.

APPLICATION ELIGIBILITY REQUIREMENTS

Students interested in applying for entrance to the ATEP must meet the following prerequisite requirements:

1. Minimum cumulative GPA of 2.0.
2. Successful completion of 14 academic credit hours.
3. Completion of MOVP 0102 (Introduction to Athletic Training) and BIOL 0237 (Human Anatomy and Physiology I) with a minimum combined GPA of 2.5.
4. Documentation of a current physical examination, including immunization documentation, on file in WSU Health Services.

APPLICATION MATERIALS

Students meeting the eligibility requirements must submit the following materials to be considered for admittance into the ATEP. The application, available from the program Director, contains the information and forms necessary for application.

1. Completion of a program application.*
2. Completion of 35 hours of active observation in the WSU ATEP, including 20 hours in the athletic training room and 15 hours at athletic practices or competitions.
3. Submit a typed journal documenting your observations in the athletic training room and at athletic practices/events.
4. Submit three favorable recommendations.
5. Attendance at a minimum of four WSU ATEP approved colloquia.
6. Copy of First Aid and CPR Certification.
7. Completion of a Medical History questionnaire, job demands analysis, and musculoskeletal exam.
8. Submit a signed copy of the Technical Standards for Admission Form.**
9. Submit a signed copy of the Athletic Training Student Agreement Form
10. Admission interview. Once the application materials have been completed and are on file in the Program Director's office, an admission interview with the ATEP Student Selection Committee will be arranged. This committee typically consists of the three members of the program faculty and the three members of the clinical staff. Successful completion of the interview requires a mean score of 2.5.

* The deadline for submission of application materials is April 15th for spring applicants and November 15th for fall applicants. The deadline may be extended for transfer students. All application materials will be kept on file in the student's portfolio in the program Director's office.

** Candidates for admission to the ATEP are required to verify they understand and meet the technical standards of the program and its accrediting agency. The technical standards for admission are published in the ATEP Student Manual.

Transfer students will be considered on an individual basis based on college policies explained in the Admission section of the University Bulletin, in addition to courses, clinical education/ experience, and competencies/clinical proficiencies completed at the previous institution. Any courses considered equivalents to the required courses must be presented to the Department chair and/or Program Director for approval prior to application. Bring a copy of the course description, the course syllabus, and proof of your completion with grade for review.

MAJOR CORE CLASSES - 29 CREDITS

MOVP 0100 Introduction to Exercise Science	(3)
MOVP 0105 Foundations of Movement Science I	(3)
MOVP 0106 Foundations of Movement Science II	(3)
BIOL 0237 Anatomy and Physiology I	(4)
BIOL 0239 Anatomy and Physiology II	(4)
MOVP 0202 Introduction to Motor Learning	(3)
MOVP 0203 Motor Development and Behavior	(3)
MOVP 0204 Kinesiology	(3)
MOVP 0205 Physiology of Exercise	(3)

ATHLETIC TRAINING CLASSES - 40 CREDITS

MOVP 0102 Intro to Athletic Training	(3)
MOVP 0190 First Aid and Emergency Care *	(1)
MOVP 0191 Athletic Training Skills **	(1+1)
MOVP 0212 Concepts of Nutrition	(3)
MOVP 0234 Evaluation of Upper Extremity Injuries	(3)
MOVP 0235 Evaluation of Lower Extremity Injuries	(3)
MOVP 0237 Athletic Training Clinical Experience **	(2+2)
MOVP 0319 General Medical Aspects of Physical Activity	(3)
MOVP 0321 Supervising Sports/Fitness Programs	(3)
MOVP 0323 Therapeutic Modalities	(3)
MOVP 0327 Therapeutic Exercise	(3)
MOVP 0328 Fitness and Rehab for Spec Populations	(3)
MOVP 0337 Athletic Training Research and Clinical Decision Making **^	(3+3)

* The Emergency Medical Technician course, MOVP 0211, may be taken in place of MOVP 0190.

** These courses must be taken for two semesters.

^ Advanced Standing is required for MOVP 0337, Athletic Training Research and Clinical Decision Making. Additional information regarding the Clinical Experience may be obtained from the Clinical Education Manual available from the ATEP Clinical Coordinator.

PROGRESSION THROUGH THE PROGRAM

Once accepted into the Athletic Training Education Program, the student will be required to meet the major's clinical requirements and the academic and professional development criteria necessary to earn intermediate and advanced standing in the department (outlined below). Progression through the Athletic Training Education program will require the student to complete 3 levels of preparation, each requiring an increasing level of proficiency and responsibility. Specific requirements for progression to each level of the program are published in the ATEP Student Manual.

PROFESSIONAL DEVELOPMENT PROCEDURES

In order to progress through the Movement Science and Athletic Training majors, students must meet the academic and professional development criteria necessary to earn intermediate and advanced standing in the department.

INTERMEDIATE STANDING

Requirements for Intermediate Standing to progress through the Movement Science and Athletic Training majors:

Minimum GPA of 2.3 in the following courses:
- MOVP 0100 Introduction to Exercise Science
- MOVP 0105 Foundations of Movement Science I
- MOVP 0106 Foundations of Movement Science II
- BIOL 0237 Anatomy and Physiology I
- BIOL 0239 Anatomy and Physiology II
- MOVP 0202 Introduction to Motor Learning or
- MOVP 0203 Motor Development and Behavior

Personal Statement
Resume
First Aid / CPR Certification
Membership in a professional organization
Earn a minimum of 15 Professional Development Points
Faculty Recommendations
As part of Teacher Preparation – Intermediate Standing requirements, students must have registered/completed MTEL: Communication and Literacy Test.
Two examples of best work

ADVANCED STANDING

Advanced Standing is required for those completing an internship, ATEP clinical experience, or student teaching practicum. The requirements are as follows:
- Minimum GPA of 2.5 in the major core area (29 credits)
- Minimum GPA of 2.7 in the courses in the concentration (Placement in the Teaching Practicum requires a 2.8)
- Minimum overall GPA of 2.8
- Personal Statement
- Resume
- First Aid / CPR Certification
- Membership in a professional organization
- Earn a minimum of 15 Professional Development Points (in addition to those earned for Intermediate Standing)
- Faculty Recommendations
- Supervising Practitioner Recommendations

Additional information can be found in the MSSLS Department manual.

MINOR IN WILDERNESS LEADERSHIP - 18 CREDITS

The Movement Science Department also offers a minor in Wilderness Leadership. The requirements are the same as for the Wilderness Leadership Concentration, except an internship is not required, nor is completion of the major core required.

INTERDISICPLINARY MINOR IN COMMERCIAL RECREATION AND TOURISM - 18 CREDITS

The Economics and Management, Movement Science, and Geography and Regional Planning Departments offer an interdisciplinary minor in commercial recreation and tourism. A full description of the requirements for this minor is included in the Economics and Management section of the Bulletin.

Courses

MOVP 0100 INTRODUCTION TO EXERCISE SCIENCE (3) Through observation and experimentation students will examine the cardiorespiratory, musculoskeletal and nervous systems of the body and the impact of exercise on their functioning. The effect of changing one's own personal exercise habits on risk factors for cardiovascular disease, longevity and quality of life will be explored.

MOVP 0101 CLINICAL EXPERIENCES IN EXERCISE SCIENCE I (1) Exercise Science Program course designed to teach basic skills relating to assessment, equipment knowledge and calibration. In addition, students will develop communication and interpersonal skills relating to client learning styles through applied experiences in exercise-related assessment and programming. This class must be repeated once. Prerequisite: Exercise Science program Admission and minimum overall GPA of 2.7.

MOVP 0102 INTRODUCTION TO ATHLETIC TRAINING (3) This course introduces the student to the general principles of athletic training. The primary focus of the course is the prevention and management of injuries to and illnesses of athletes and those engaged in physical activity.

MOVP 0103 INTRODUCTION TO TEACHING PHYSICAL EDUCATION (1) This course will provide initial exposure to school physical education programs and the opportunity to integrate concepts of the movement science courses with the curriculum in the schools. Field-based pre-practicum (30 clock hours) with classroom follow-up. Prerequisite: MOVP 0105 or MOVP 0106.

MOVP 0105 FOUNDATIONS OF MOVEMENT SCIENCE I (3) Provides the student with the opportunity to examine the historical and philosophical foundations of movement sciences.

MOVP 0106 FOUNDATIONS OF MOVEMENT SCIENCE II (3) Designed to provide the student with the opportunity to examine the sociological and psychological foundations of human movement and sport.

MOVP 0107 EXERCISE INJURIES: PREVENTION AND TREATMENT (3) Provides the student with the knowledge of the general principles of athletic training. The emphasis of the course will be the prevention and management of exercise/sport injuries and conditions.

MOVP 0108 PRINCIPLES OF HEALTH AND WELLBEING (3) Designed to assist the student in developing a lifestyle conducive to good health and wellbeing. Identification of risk factors which affect longevity will be discussed. Included will be substance abuse, emotional and environmental factors, diet and exercise.

MOVP 0190 FIRST AID AND EMERGENCY CARE (1) Provides the fundamental principles, knowledge and skills of first aid and accident prevention. Prepares the individual to care for most injuries and emergencies when medical assistance is delayed. First Aid and CPR certification will be available upon successful completion of the course.

MOVP 0191 ATHLETIC TRAINING SKILLS (1)Athletic Training Education Program course with focus on skill development in the immediate care and prevention of athletic injuries and illness through structured laboratory exercises and clinical experiences. This course must be repeated once and may be repeated more than once, but no more than 2 credits may be applied to the major. Prerequisites: Permission of instructor.

MOVP 0199 WILDERNESS EXPERIENCES (3) An introduction to wilderness activities which provide participants with a degree of challenge and excitement. Will include current information on the most popular activities, with attention given to the history, equipment needs, travel arrangements, safety and first aid procedures, physical skills, liability problems and environmental concerns. The theories behind these activities and the organizational methods for conducting them, also will be included.

MOVP 0201 CLINICAL EXPERIENCES IN EXERCISE SCIENCE II (1) Exercise Science program course designed to teach basic skills relating to assessment, equipment knowledge and calibration. In addition, students will develop communication and interpersonal skills relating to client learning styles through applied experiences in exercise-related assessment and programming. This curse must be repeated once and may be repeated more than once, but no more than 2 credits may be applied to the major. Prerequisite: Exercise Science program Admission and minimum overall GPA of 2.7.

MOVP 0202 INTRODUCTION TO MOTOR LEARNING (3) The study of significant variables which influence motor learning, i.e., transfer, cues, practice, reminiscences, perception, reaction time, motivation, reinforcement, etc. and the analysis of selective variables which affect the acquisition of motor skills. Prerequisite: PSYC 0101.

MOVP 0203 MOTOR DEVELOPMENT AND BEHAVIOR (3) The scientific study of developmental patterns (psychomotor, cognitive and affective domains) of basic motor skills and structural components, growth processes and interrelationships/interactions of structure to function that influence motor behavior - infancy to old age. Prerequisite: PSYC 0101.

MOVP 0204 KINESIOLOGY (3) Science of human motion, analysis of leverage in body movement and problems of readjustment in relationship to body mechanics and to physical activity as it is related to an understanding of skillful, efficient and purposeful human motion. A lab component is included. Prerequisite: BIOL 0237.

MOVP 0205 PHYSIOLOGY OF EXERCISE (3) Designed to investigate and understand the role that exercise (muscle activity) plays on the functioning of the human body and how the body responds to exercise. A laboratory component is included. Prerequisite: BIOL 0239.

MOVP 0211 EMERGENCY MEDICAL TECHNICIAN (4) This course is designed to provide the student with the theoretical understandings and practical experiences in dealing with medical emergencies. Topics included are rescue breathing, cardiopulmonary resuscitation, airway obstruction, oxygen therapy, soft tissue and internal injuries, ambulance operations, and emergency extrication. Class meets for two (2) hours of lecture and four (4) hours of laboratory. (Upon successful completion of the course students will be able to sit for the EMT-M certification examination conducted by the Massachusetts Department of Public Health Offices of Emergency Services.) Costs associated with required equipment/materials and certification fees are additional and are the responsibility of the student.

MOVP 0212 CONCEPTS OF NUTRITION (3) Includes basic principles of nutrition and the body's use of nutrients. Emphasis on the effect of diet on selected health problems as well as the relationship between diet and athletic habits using a variety of established guidelines including the use of a computerized diet analysis. Prerequisite: any laboratory science course.

MOVP 0234 EVALUATION OF UPPER EXTREMITY INJURIES (3) This course addresses the skills and knowledge needed to conduct a thorough clinical evaluation of injuries that commonly occur to the upper extremity in a sports/fitness environment. Two hour lecture and two hour laboratory. Prerequisite: BIOL 0237.

MOVP 0235 EVALUATION OF LOWER EXTREMITY INJURIES (3) This course addresses the skills and knowledge needed to conduct a thorough clinical evaluation of injuries that commonly occur to the lower extremity in a sports/fitness environment. Two hour lecture and two hour laboratory. Prerequisite: BIOL 0237.

MOVP 0237 ATHLETIC TRAINING CLINICAL EXPERIENCE (2) Athletic Training Education Program course with focus on the application of skills and clinical decision-making in diagnosis and immediate care of athletic injuries and illness through class discussions, structured laboratory exercises and clinical experiences. This course must be repeated once and may be repeated more than once, but no more than 4 credits may be applied to the major. Prerequisite:Permission of instructor.

MOVP 0245 ADVENTURE CHALLENGE INSTRUCTOR (3) The operation, management and design of an Adventure Challenge Ropes Course. This includes liability responsibilities, group process, construction and maintenance, safety procedures and technical skill. Satisfactory completion will result in one year certification of Adventure Challenge Instructor at Westfield State University.

MOVP 0250 TECHNIQUES OF WILDERNESS LEADERSHIP (3) Techniques of planning, developing, organizing, and conducting an extended Wilderness Experience. Leadership training will also include first aid, rescue, navigation and legal responsibilities of these experiences. Prerequisite: MOVP 0199.

MOVP 0255 FUNCTIONAL ANATOMY (3) Study of the skeletal and muscular structures involved in human movement. Designed to enable students to identify the structure and function of the spine and lower and upper extremity through computer simulation and application. Prerequisite: BIOL 0237.

MOVP 0260 ANALYSIS OF TEACHING SELECTED PHYSICAL EDUCATION SKILLS/ELEMENTARY (4) This course provides the student with the knowledge and methodology of selected activities appropriate for the elementary school child. The course will include locomotor, non-locomotor, manipulative, body management and specific sports skills as taught through games of low organization, lead-up activities to games of higher organization and rhythmics. Consideration will be given to analysis of performance organization and progression. The course will consist of two hours of lecture and four hours of laboratory. Prerequisites: MOVP 0105 and MOVP 0106.

MOVP 0261 ANALYSIS OF TEACHING SELECTED PHYSICAL EDUCATION SKILLS/SECONDARY (4) This course provides the student with the knowledge and methodology of teaching games, sports and physical activities in a secondary physical education program. The course will include team and individual sports, non-traditional games and dance/rhythmic activities. Emphasis will be placed on analysis of performance, sequence and progression of skills and lead-up games, and effective organizational techniques applied in teaching these selected activities. This course will consist of two hours of lecture and four hours of laboratory. Prerequisites: MOVP 0105 and MOVP 0106.

MOVP 0262 ANALYSIS OF TEACHING SELECTED PHYSICAL EDUCATION SKILLS II (2) Provides the student with the knowledge and methodology appropriate for selected physical education skills: aquatics, tumbling and gymnastics, and track and field. Emphasis will be placed on analysis of performance, sequence, progression of skills and effective organizational techniques applied in teaching these activities. Will include safety procedures. Prerequisite: MOVP 0105 and MOVP 0106.

MOVP 0292 PRINCIPLES OF GROUP EXERCISE PROGRAMMING (3) This course will highlight exercise leadership and programming through the process of teaching and instruction within various group exercise science settings. Theoretical principles related to group exercise class programming; teaching methods, class management and control, instructional media and materials, and self-evaluation are presented. In addition, a variety of group exercise modalities will be explored. This course prepares the student to take a nationally recognized group exercise certification exam. Prerequisite: MOVP 0101 or permission of instructor.

MOVP 0301 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL (3) Philosophy, program planning and methods of teaching children, guided observational experiences of children in schools, presentation of activities suitable in elementary school programs.

MOVP 0302 MEASUREMENT & EVALUATION IN PHYSICAL EDUCATION (3) This course is designed to provide the student with an opportunity to gain knowledge of elementary statistical techniques and measurement procedures applicable to the discipline of physical education. Students will be expected to develop competency in the selection, development, and administration of valid testing and evaluation programs in physical education. Prerequisite: Intermediate Standing and MOVP 0313 **or** MOVP 0314 **or** permission.

MOVP 0303 HEALTH EDUCATION IN THE ELEMENTARY SCHOOL (3) An investigation of current content and practices necessary for implementation of effective, integrated early childhood and elementary school health education programs. This course provides an exploration of child health status and the vital role the elementary teacher plays in enabling children to acquire healthful lifestyle behaviors as they grow and develop. Prerequisite: Permission of instructor.

MOVP 0304 PSYCHOLOGY OF COACHING (3) This course concentrates on the principles and techniques applicable to the coaching of sports at the elementary and secondary levels. Prerequisites: MOVP 0106 and PSYC 0101.

MOVP 0305 PRINCIPLES OF STRENGTH AND CONDITIONING (3) This course examines the scientific theories and principles of the physical conditioning process. Emphasis is placed on the design and implementation of effective strength and conditioning programs for enhanced health and fitness. Topics include analysis of sport-specific performance demands, physiological adaptation to training, power and force production, functional strength training across the life span, theory of periodization and application, plyometric training, speed development. This course will also prepare the student to take the Certified Strength and Conditioning Specialist exam through the NSCA. Prerequisites: MOVP 0204 and MOVP 0205 and intermediate standing.

MOVP 0308 PHYSICAL EDUCATION IN THE SECONDARY SCHOOL (3) This course will explore content offered in the secondary curriculum (5-12). Students seeking certification at the elementary level (includes middle school) are encouraged to enroll. The content explores the teaching of various invasion, net/wall, target, and striking games by introducing strategies and skills through modified game play, as opposed to the drill, practice, and play of more traditional physical education teaching styles. An emphasis will be placed on incorporating the teaching of skills into strategies through drills and modified games. Evaluate procedures for performance (rubrics, standardized skill tests, videotape) will be introduced. Prerequisite: MOVP 0103 **or** MOVP 0260/0261 or MOVP 0262 **or** permission.

MOVP 0309 OUTDOOR RECREATION (3) An in-depth analysis of outdoor recreational activities. Includes skills of living in nature in respect to wilderness camping and environmental awareness, campcraft skills; planning and conducting outdoor recreation programs. Prerequisite: Permission of instructor.

MOVP 0310 GEROKINESIOLOGY (3) Designed to focus on the physiological processes of aging and the impact of specific exercise programming for the older adult population. Students will gain an understanding of common orthopedic and cardiovascular considerations and develop an ability to employ modifications in exercise testing and prescription through service learning experiences with the older adult population. Other topics include: common health problems and illnesses, drugs/medications, psychological and sociological needs, and activities of daily living relevant for the older adult population. Prerequisite: MOVP 0204 and MOVP 0205.

MOVP 0311 ADAPTIVE PHYSICAL EDUCATION (3) The course will cover scientific techniques used in assessment, identification, skill analysis and program implementation for special needs students. Consideration will be given to characteristics, needs and related problems associated with conditions such as retardation, learning disabilities, behavioral disorders, orthopedic disabilities, visual and hearing impairment, chronic illnesses, bilingual and multicultural problems of children and their integration into physical education programs. Special attention will be given to the impact of federal and state regulations as they relate to adapted and mainstreamed physical education. Twenty (20) hours of field work required. Prerequisite: Intermediate Standing.

MOVP 0313 PHYSICAL EDUCATION TEACHING METHODOLOGY: ELEMENTARY (3) Analysis of performance and methods of teaching selected motor activities for the elementary level. Included will be growth and development as it relates to program planning and implementation, class management, teaching styles, formulation of goals and objectives through lesson and unit plans, sequencing and progression for teaching skills, fundamental motor patterns and game usage. A forty (40) hour pre-practicum at the elementary level is required. Prerequisites: MOVP 0260 or MOVP 0261 and MOVP 0262 and Intermediate Standing.

MOVP 0314 PHYSICAL EDUCATION TEACHING METHODOLOGY: SECONDARY (3) Analysis of skill performance and methods of teaching physical education in the secondary school. Will include organization, sequence and progression for teaching skills, formulation of objectives and goals through lesson and unit plans, evaluation of lessons, class management and teaching styles. A forty (40) hour pre-practicum at the secondary level is required. Prerequisites: MOVP 0260 and MOVP 0261 and MOVP 0262 and Intermediate Standing.

MOVP 0316 CURRICULUM PLANNING & IMPLEMENTATION (2) This course will provide for the development of curricular designs in Physical Education for programs in schools through evaluation of existing programs and the study of current trends and development in relation to their influence on the curriculum. Prerequisite: Intermediate Standing and MOVP 0313 **or** MOVP 0314.

MOVP 0319 GENERAL MEDICAL ASPECTS OF PHYSICAL ACTIVITY (3) This course focuses on the recognition, immediate treatment and referral of common non-orthopedic injuries and illnesses that may occur during or be exacerbated by physical activity. Medical terminology, documentation, pre-participation physical examinations, diagnostic imaging, pharmacology, standard practices for counseling intervention, and position statements regarding participation in physical activity will also be discussed. Prerequisites: Intermediate Standing.

MOVP 0320 FITNESS ASSESSMENT AND EXERCISE PRESCRIPTION (3) Analysis of the facets of fitness assessment and exercise prescription, based on the guidelines and certification requirements established by the American College of Sports Medicine. Students will participate in, administer, and analyze: exercise stress tests, body composition assessment, muscular strength, endurance, and flexibility tests. Concepts, principles and theories based on research from the fields of exercise physiology, kinesiology, nutrition, and tests and measurement will be applied to fitness assessment and exercise prescription. Prerequisites: MOVP 0204 **and** MOVP 0205 and Intermediate Standing.

MOVP 0321 SUPERVISING SPORTS/FITNESS PROGRAMS (3) An overview of the objectives, strategies and policies regarding the managing sports/fitness programs. Specific learning experience will be designed to enhance the individual's technical, human, and conceptual skills. Prerequisite: Intermediate Standing.

MOVP 0323 THERAPEUTIC MODALITIES (3) Examines the use of therapeutic modalities as a component of athletic injury reconditioning programs. Theory, clinical applications and legal aspects are considered. Two lectures, two hour laboratory, weekly. Prerequisites: MOVP 0204 and MOVP 0205 and Intermediate Standing.

MOVP 0325 WOMEN AND SPORT (3) Provides an overview of the concerns of women within the social institution of sport. The historical, socio-psychological, and physiological aspects of female sport participation will be examined and discussed. Issues related to the impact of social change within sport upon the female athlete will be addressed. Prerequisite: WSTP 0101, PSYC 0101, **or** SOCI 0101.

MOVP 0326 CHILDREN IN COMPETITIVE SPORTS (3) This course examines the cognitive, behavioral, biological, and environmental factors having important implications for competitive sport participants from early childhood through high school. Special attention will be placed on the practical application of sport science research for teachers, coaches, and administrators. Prerequisites: MOVP 0202 **and** MOVP 0203; **or** permission of instructor.

MOVP 0327 THERAPEUTIC EXERCISE (3) A study of the principles and techniques associated with the planning and implementation of exercise programs designed to restore and improve musculoskeletal function. Students will learn how to develop reconditioning and rehabilitation programs including the components of range of motion, strength, stretching, joint mobilization, neuromuscular facilitation, and cardiovascular exercise. Emphasis on practical decision making related to the setting of program goals and the selection of appropriate exercises to achieve those goals. Two hour lecture and two hour laboratory. Prerequisites: Intermediate Standing and MOVP 0204 and MOVP 0205.

MOVP 0328 FITNESS/REHAB FOR SPECIAL POPULATIONS (3) This course will explore fitness assessment and exercise prescription for special populations. The effects of exercise on the process of aging will be examined. The special needs of those individuals with various medical conditions will be explored. Research in the areas of exercise physiology and medicine will serve as resources for the development of safe and effective exercise programs for individuals with special needs. Prerequisites: MOVP 0205 and MOVP 0204 and Intermediate Standing.

MOVP 0329 BASIC EKG AND STRESS TESTING (1) Through observation and experimentation, students will examine the anatomy and physiology, electrical conduction, and arrythmias of the cardiovascular system and its relationship to activity tolerance and ischemic burden. Prerequisite: BIOL 0237 or permission of instructor.

MOVP 0330 SPORTS PROMOTION (3) An introduction to the issues, principles, and skills of sports promotion pertaining to the educational, recreational, and professional sports arenas. Focus will be on the structure and economic impact of the sports industry and the acquisition of skills required to effectively promote a sports program. Prerequisite: Junior standing.

MOVP 0331 SPORT AND EXERCISE PSYCHOLOGY (3) This course will require students to examine the theoretical foundations of sport and exercise psychology, as well as introduce students to the psychological skills commonly utilized in applied sport and exercise psychology. The research methods commonly utilized in sport and exercise psychology also will be considered.

MOVP 0332 NUTRITION AND HUMAN PERFORMANCE (3) This course is designed to investigate and understand how a combination of nutrition and exercise can lead to better health and performance, and how foods are converted to energy, energy sources used during exercise/performance, and optimal nutrition for exercise and sport. Topics will include: healthful dietary guidelines, bioenergetics, human metabolism during rest and exercise, the six classes of nutrients and their roles in exercise, body composition (body fat and muscle mass), weight management, and nutritional ergogenic aids.

MOVP 0335 RESEARCH METHODS IN PHYSICAL ACTIVITY AND HEALTH (3) Selected research techniques and designs, with emphasis on planning, conducing, and reporting of research; applied statistical analysis and interpretation of data from the fields related to physical activity and health. Prerequisite: MATH 0108.

MOVP 0337 ATHLETIC TRAINING RESEARCH AND CLINICAL DECISION MAKING (3-6)Athletic Training Education program course with focus on clinical decision making and research in prevention, evaluation, immediate care, treatment and rehabilitation of athletic injuries and illness through clinical experiences and research projects. This course must be repeated once and may be repeated more than once, but no more than 12 credits may be applied to the major. Prerequisite:Advanced standing and permission of instructor.

MOVP 0348 PRACTICUM I IN PHYSICAL EDUCATION: ELEMENTARY (6) Supervised observation and student teaching in an elementary school, conduct of classes and extra-curricular activities, development and understanding of school and community. Emphasis on continuity of lessons, units, daily evaluation. Supervision by cooperating school practitioner and Physical Education faculty from the University. Individual conferences and group seminars. Prerequisites: Advanced standing, MOVP 0313, and current First Aid certificate.

MOVP 0349 PRACTICUM II IN PHYSICAL EDUCATION: ELEMENTARY (6) Supervised observation and student teaching in an elementary school, conduct of classes and extra-curricular activities, development and understanding of school and community. Emphasis on continuity of lessons, units, daily evaluation. Supervision by cooperating school practitioner and Physical Education faculty from the University. Individual conferences and group seminars. Prerequisite: MOVP 0348.

MOVP 0350 PRACTICUM I IN PHYSICAL EDUCATION - SECONDARY (6) Supervised observation and student teaching in a secondary school, conduct of classes and extra-curricular activities, development and understanding of school and community. Emphasis on continuity of lessons, units, daily evaluation. Supervision by cooperating school practitioner and Physical Education faculty from the University. Individual conferences and group seminars. Prerequisite: Advanced standing.

MOVP 0352 PRACTICUM II IN PHYSICAL EDUCATION - SECONDARY (6) Supervised observation and student teaching in a secondary school, conduct of classes and extra-curricular activities, development and understanding of school and community. Emphasis on continuity of lessons, units, daily evaluation. Supervision by cooperating school practitioner and Physical Education faculty from the University. Individual conferences and group seminars. Prerequisite: MOVP 0350.

MOVP 0353 CLINICAL EXPERIENCE IN ATHLETIC TRAINING (6-12) Course requires working with a certified athletic trainer in another school for practical experience. Duties to include: administering first aid, administration of therapy treatment, observation of work of the clinical supervisor and duties assigned by the clinical supervisor. Prerequisite: Advanced standing.

MOVP 0355 PRACTICUM SEMINAR: PHYSICAL EDUCATION (3) The practicum seminar is a series of formal meetings to provide an opportunity for student teachers to perceive relationships among ideas in problem situations, to explore creative situations, to increase familiarity with many resources and materials, and to develop wholesome personal and professional relationships. Special programs are presented with the aid of professional resource persons. Identification of educational innovations, problems and suggestions for the present and future needs of students and school personnel are a pertinent part of the practicum experience. Prerequisite: Concurrent enrollment in practicum.

MOVP 0390 SENIOR SEMINAR IN EXERCISE SCIENCE (1) Provides an opportunity for senior-level Exercise Science students to discuss current issues in the field as well as the transition to professional practice or graduate school. Preparation for professional certification examinations and post-graduation professional development will also be examined. Prerequisite: Advanced Standing or permission of instructor.

MOVP 0395 INTERNSHIP SPORTS MEDICINE (6) Provides the student enrolled in the Sports/Medicine Concentration with an opportunity to do in service work with public and private agencies/institutions in the community. The students will work under the supervision of the agency/institution director and will be supervised by a faculty member from the MSSLS Department. Students will be expected to assist in the development as well as conduct of Sports Medicine programs offered. Students are expected to fulfill a minimum of 280 clock hours. Individual conferences and group seminars are held in addition to the 280 clock hours. Prerequisites: Advanced Standing.

MOVP 0397 EXERCISE SCIENCE CAPSTONE INTERNSHIP (4-12) Provides the student enrolled in the Exercise Science Concentration with an opportunity for further practical experience in a related field. The students will work under the supervision of an agency/institution director and will be supervised by a faculty member from the MSSLS Department. This capstone experience will include a major and minor project, case study, journal reflection and formal presentation. Individual conferences and group seminars are held in addition to the clock hours. Prerequisite: Advanced Standing.

MOVP 0398 INTERNSHIP WILDERNESS LEADERSHIP (6) Provides the student enrolled in the Wilderness Leadership concentration with an opportunity to work with public and/or private agencies/institutions in the community conducting wilderness programs. The student will work under the supervision of the agency/institution director and will be supervised by a member from the MSSLS department. Students will be expected to assist in the development as well as the conduct of the Wilderness Programs offered. Students are expected to fulfill a minimum of 280 clock hours. Prerequisite: Advanced standing and completion of courses in the Wilderness leadership concentration with a minimum GPA of 2.5 and current First Aid certificate.

MOVP 0399 INDEPENDENT STUDY (1-6) Individual research and independent study related to a particular phase of Movement Science, health or recreation with approval from the Movement Science Department. Prerequisite: Movement Science Major with Advanced Standing.

SKILLS COURSES

Not all skills courses are offered on a regular basis. Please consult the Course Offerings Booklet.

MOVP 0109 AEROBICS (1) Designed as an aerobic conditioning course that may include calisthenics, aerobic dance, cardio kickboxing, circuit training, and body sculpting.

MOVP 0110 ARCHERY (1) Designed to develop and improve the student's knowledge (rules governing play and competition, history and development of the sport, selection and care of equipment and safety) and fundamental skills (stance, neck, draw, aim, release, follow through, secondary draw, bracing and unbracing the bow, use of point of aim and bow sight) essential to Target Shooting.

MOVP 0111 BADMINTON (1) Provides the student with an opportunity to develop and improve in the basic physical skills necessary to the game of badminton. The course is also designed to permit the student to become knowledgeable in the rules and etiquette of playing the game

MOVP 0112 BADMINTON II (1) Provides the student with an opportunity to develop and improve in the advanced physical skills necessary to the game of badminton. The course is also designed to permit the student to become knowledgeable in the rules and etiquette of playing the game

MOVP 0113 FITNESS FOR ADULTS: WALKING (1) Designed to introduce students to the basic fundamental skills of fitness walking: proper techniques for stretching the different muscles, proper warm-up, work-out and cool-down. The student will demonstrate these skills by applying them to the activity through practice. Each student will gain confidence in fitness walking as a lifetime healthy activity

MOVP 0114 FITNESS FOR ADULTS: JOGGING (1) Designed to introduce students to the basic fundamental skills of jogging proper techniques for stretching the different muscles, proper warm-up, work-out and cool-down. The student will demonstrate these skills by applying them to the activity through practice. Each student will gain confidence in jogging as a lifetime healthy activity

MOVP 0115 BOWLING (1) Designed to present fundamental skills, strategic elements and knowledge of bowling. Etiquette, scoring and team competition are emphasized.

MOVP 0118 STEP AEROBICS (1) Provides the student with an opportunity to improve cardiorespiratory work capacity levels and muscular endurance through participation in step aerobic activity. Cardiovascular conditioning, total body training and the development of endurance and lifetime fitness skills will be stressed

MOVP 0120 SOCCER (1) Designed to provide instruction in the fundamental skills and techniques of kicking, heading, passing, and trapping. Team play, strategy and a review of the rules.

MOVP 0122 SOFTBALL (1) Designed to provide the fundamentals of softball, rules, strategy, skills and terminology. Emphasis on skills by defensive position, pitching, hitting and base running.

MOVP 0124 BASKETBALL (1) Designed to provide fundamental skills and techniques of shooting, passing, ball handling, and footwork are emphasized. Team play and team strategy are taught.

MOVP 0127 VOLLEYBALL (1) Designed to develop and improve the student's knowledge and basic motor skills essential to playing the game of volleyball.

MOVP 0128 VOLLEYBALL II (1) Designed to provide advanced skills of volleyball with emphasis on team play and inter-squad competition.

MOVP 0129 FIELD HOCKEY (1) Designed to develop the necessary skills and knowledge to participate in the team game of field hockey. Topics include skills, field layout, rules, tactics, goalkeeping, and officiating

MOVP 0131 BEGINNERS' SWIMMING (1) Designed for those who have little or no swimming ability. Instruction in breath control, front and back float and glides, elementary strokes on front and back, turning over, leveling off, jump entrances, basic water safety skills. Introduction into deep water.

MOVP 0132 INTERMEDIATE SWIMMING (1) Designed as an extension of basic swimming and safety skills; must be comfortable in deep water.

MOVP 0133 SWIMMERS (1) Designed as a refinement of swimming and safety skills; development of swimming endurance. Must be comfortable in deep water.

MOVP 0137 SKIN AND SCUBA DIVING (1) Designed to introduce the student to scuba through academic and confined water training. Students learn how to assemble, operate, and break down scuba systems. Students also learn basic scuba skills such as mask and regulator clearing, emergency air management, and dive planning.

MOVP 0138 BOATING AND CANOEING (1) Designed as an introductory course in flat water boating and canoeing which will develop efficient paddling skills. Including: carrying and launching, loading and paddling positions, unloading, paddling skills and water safety skills.

MOVP 0139 KAYAKING (1) Designed to cover the basics of kayaking and how to teach it as a lifetime sport. Topics include: equipment orientation, roll teaching, strokes, moving water instruction and water safety skills.

MOVP 0140 SQUARE DANCE (1) Exploration of steps, patterns, formations, and cultural/historical background of American square dance.

MOVP 0141 FOLK DANCE (1) Introduction to folk dance terminology, formations and dance steps. Course will include insight into the background and customs of the people in the countries where the dances originated.

MOVP 0142 MODERN DANCE (1) Introduction to movement techniques of modern dance with emphasis on aesthetic and expressive qualities.

MOVP 0143 BALLROOM DANCE (1) Introduction to the basic steps, rhythms and timing and performance. Dances covered will include the waltz, fox trot, swing, polka, two-step and a sampler of Latin dances.

MOVP 0144 MODERN JAZZ DANCE (1) Introduction to a variety of jazz styles, including lyric and percussive. Emphasis is on performance of choreographed routines and mastery of isolations and syncopations.

MOVP 0145 BALLET I (1) Designed for beginners. Principles and techniques of classical ballet. Class consists of a short body warm-up at the bar, along with ballet combinations in center floor. Attention will be given to developing strength, flexibility and balance.

MOVP 0146 BALLET II (1) Further refinement of skills and techniques of classical ballet.

MOVP 0147 BASIC RHYTHMIC ACTIVITIES (1) Introduction to application of movement rhythms used with various styles of music.

MOVP 0148 TAP DANCE (1) Exploration of the basic skills of tap dance using physical practice analysis, film critiques and performance. Basic tap vocabulary will be mastered.

MOVP 0149 TENNIS (1) Introduction to the theory and practice of tennis play. Skills taught include the serve, forehand drive, backhand drive, volley, footwork, rules and scoring.

MOVP 0150 TENNIS II (1) Refinement of tennis skills and techniques including strokes on both forehand and backhand, the use of power and spins and placement of first and second serves. Also includes refinement of shot variety including: lobs, overheads, approach shots, and volleys.

MOVP 0151 TRACK AND FIELD (1) Designed to teach skills and techniques involved in track and field including running, jumping, throwing events and their progressions.

MOVP 0152 GOLF I (1) Designed to develop a basic understanding of the game of golf. The emphasis in this course will be on developing the proper stance, grip, and swing for the various clubs and shots in golf. Etiquette, scoring, individual play and team play are introduced.

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MOVP 0153 GOLF II (1) Progressive development in golf fundamentals including ball flight laws, principles, and preferences. Etiquette, scoring, individual play, match play and strategy are included.

MOVP 0154 DOWNHILL SKIING (1) Designed to teach student fundamental skills and techniques of skiing including: snow plow, parallel turns and proper stopping. Etiquette and basic safety skills are introduced.

MOVP 0155 SKI TOURING AND SNOW SHOEING (1) Introduction to the selection and care of equipment, snowshoeing conditioning, basic techniques and fundamentals in skills, the selection of trails and safety practices

MOVP 0156 GYMNASTICS I (1) Designed to provide student with the knowledge and methodology for the teaching of skills needed to execute correctly required movements on the various pieces of apparatus. Emphasis would be on floor exercise, balance beam, trampoline, vaulting, uneven bars, and spotting techniques for all stunts.

MOVP 0162 STRENGTH TRAINING AND CONDITIONING (1) An introductory level course designed to familiarize students with the basic skills and principles of strength training and conditioning. The instruction in this course is geared toward fostering a commitment to lifelong participation in strength training physical activity in general.

MOVP 0163 BALLROOM DANCE II (1) Further refinement of basic steps, rhythms, timing and performance. Exploration of leader and follow positions.

MOVP 0164 BICYCLING (1) Designed to give the student an over-all view of road biking, rules of the road, safety riding/racing technique, clothing, equipment, and basic bike maintenance. During the first few classes, part of each session will be dedicated o lecture and discussion on relevant topics, and the remainder of each class will be allocated to a ride in the local area. During the remaining weeks, the entire class session will be dedicated to riding. Upon completion of the course, the student will have learned safe and effective road biking techniques, improved his/her fitness, and acquired basic bike maintenance skills. Participants are required to provide their own quality Road Bicycle, helmet, clothing and shoes.

MOVP 0165 RACQUETBALL AND HANDBALL (1) Designed to teach fundamental strokes and skills of each game, singles and doubles, play and strategy, rules, tournament conduction and teaching techniques.

MOVP 0167 CAMPING SKILLS (1) Designed to teach effective means to teach common outdoor skills. Focus on skills most associated with camp craft and travel relative to winter and spring activities. In order to accomplish these goals, students will learn technical knowledge about camp craft, appropriate teaching methods, and develop physical skills necessary to be a competent outdoor skills instructor.

MOVP 0170 TOUCH FOOTBALL (1) Designed to provide fundamentals of touch football. Includes rules, strategy, skills and terminology. Emphasis on skills by defensive position, throwing and running.

MOVP 0171 DIVING (1) Designed to provide students with an opportunity to achieve some proficiency in six water stunts as applied to basic springboard diving, seven basic or required dives, and several optional dives.

MOVP 0172 ORIENTEERING (1) Introduction to the use of map and compass in traversing of a variety of terrain. Fieldwork, including an introduction to competitive orienteering, and GPS is included.

MOVP 0173 INITIATIVE GAMES AND ROPES (1) Designed to increase the student's sense of personal confidence, mutual support and level of agility and physical coordination. To increase an appreciation of the outdoors through a series of co-education group exercises, initiative tasks and high level maneuvering responsibilities. Emphasis will also be placed on safety at all times.

MOVP 0180 ROCK CLIMBING (1) Climbing ground, rocks, etc. where proper climbing technique is required. Will include climbing, belaying, knot tying, climbing calls, roped ascents, and repelling.

MOVP 0181 AQUA AEROBICS (1) Various methods of water exercise for conditioning are presented with focus on proper alignment and technique, principles of conditioning, and assessment. Emphasis on improvement and maintenance of personal fitness. Must be comfortable in deep water.

MOVP 0182 LIFEGUARD TRAINING (2) Designed to give students a complete course in preparation for Lifeguarding. It will give the students training in American Red Cross Standard First Aid, CPR for the Professional Rescuer, Automated External Defibrillation (AED), and Lifeguarding. It will also promote responsibility for protecting the safety of a patron in an assigned aquatic area. It is to instill a moral and professional obligation to prevent hazards and enforce rules regulations of an aquatic area.

MOVP 0183 RELAXATION TECHNIQUES (1) Provides students with practical application of relaxation theory. Students will learn relaxation techniques ranging from proper breathing to progressive relaxation methods to autogenics. The application of relaxation techniques as a method of stress management will also be addressed.

MOVP 0184 WATER SAFETY INSTRUCTOR (2) Designed to prepare skilled swimmers to teach the American Red Cross Swimming courses. The course is taught twice per week for one semester. A minimum of 30 hours time is required by the Red Cross. At the completion of the course the student will be able to: demonstrate comfort in the water, demonstrate basic survival skill in the American Red Cross basic swimming strokes and Advanced Life Saving techniques, teach the mechanics involved in the basic strokes and life saving techniques.

MOVP 0185 SWIMMING FOR FITNESS (1) Offers an opportunity to experience the physiological benefits gained through swimming by means of both aerobic and anaerobic techniques. To achieve these benefits of swimming, the individual will learn about stroke mechanics, breathing patterns and establishing proper stroke rhythm. To acquire fitness through aerobic and anaerobic techniques, the individual will understand the concepts of distance and interval swimming.

MOVP 0188 MODERN JAZZ DANCE II (1) Further refinement and continuation of jazz styles including lyric and percussive. Continued emphasis on performance of choreographed routines, mastery of isolations and syncopations.

Music

The music curriculum is designed to prepare students for careers in music; to provide a full range of musical opportunities to music majors and non-music majors; to maintain its state-approved program in music education which is outcome and competency-based; and to serve the campus and area communities through public performances, festivals, clinics, and educational opportunities.

REQUIREMENTS FOR MUSIC MAJORS (54 CREDITS)

GENERAL REQUIREMENTS (29 credits)

MUSC 0111 Music Theory I	(2)
MUSC 0112 Music Theory II	(2)
MUSC 0211 Music Theory III	(2)
MUSC 0212 Music Theory IV	(2)
MUSC 0113 Sight Singing and Ear Training I	(2)
MUSC 0114 Sight Singing and Ear Training II	(2)
MUSC 0213 Sight Singing and Ear Training III	(2)
MUSC 0223 Sight Singing and Ear Training IV	(2)
MUSC 0152 Class Piano I	(0.5)
MUSC 0153 Class Piano II	(0.5)
MUSC 0252 Class Piano III	(0.5)
MUSC 0253 Class Piano IV	(0.5)
(Jazz Studies concentrators can substitute MUSC 0267 and MUSC 0268 for MUSC 0252 and MUSC 0253)	
MUSC 0200 Music History I	(3)
MUSC 0201 Music History II	(3)
MUSC 0230 Basic Conducting	(2)

One of the Following (3)

- MUSC 0300 Music in the Middle Ages And Renaissance (3)
- MUSC 0301 Music in the Baroque and Classical Eras (3)
- MUSC 0302 Music in the Romantic Era (3)
- MUSC 0303 Music in the Twentieth-Century (3)
- MUSC 0304 American Music (3)
- MUSC 0306 Advanced Jazz History (3)

ENSEMBLE REQUIREMENTS (7 credits)

Eight semesters of participation in one of the following ensembles, as assigned by the department, to run concurrently with eight semesters of applied lessons:

- MUSC 0141 Festival Chorus
- MUSC 0143 Wind Symphony
- CCGS Orchestra

(Note:All music majors must enroll in Festival Chorus for a minimum of two semesters.)

Six semesters of participation in a second ensemble from the following list, to run concurrently with six semesters of applied lessons:

- MUSC 0140 Chorale
- MUSC 0141 Festival Chorus
- MUSC 0143 Wind Symphony
- MUSC 0145 Jazz Big Band
- MUSC 0146 Jazz Vocal Ensemble
- MUSC 0240 Classical Guitar Quartet or Trio
- MUSC 0240 Opera/Music Theatre Workshop
- MUSC 0240 Percussion Ensemble
- MUSC 0240 Piano Ensemble
- MUSC 0240 String Ensemble
- MUSC 0269 Small Jazz Ensemble

The music department also offers elective ensembles on a regular basis. These ensembles include, but are not limited to:Clarinet Ensemble, Flute Ensemble, Jazz Quartet, Low Brass Ensemble, Saxophone Quartet, Trumpet Ensemble, Woodwind Quintet, and various mixed chamber ensembles.

All instrumental must students are required to have a minimum of three chamber ensemble experiences (standard repertoire) in varied formats throughout the course of completing their program requirements (each approved by the academic advisor and the applied music instructor). Music Education students are encouraged, but not required, to participate in ensembles during the semester of their practicum. All pianists with a major emphasis in piano are required to enroll in MUSC 0240, Piano Ensemble, each semester they are enrolled in applied piano lesions.

APPLIED MUSIC REQUIREMENTS (12 credits)

Music majors are required to complete eight semesters of applied lessons. Applied music study requires a jury examination every semester for music majors and for music minors, as well as for those students enrolled in a required secondary applied lesson. Students who present a curricular recital are not required to present a jury during the semester of the recital. All students who wish to present a recital (degree or elective) must pass a pre-recital hearing during studio class a minimum of three weeks prior to the recital (three applied faculty members must be present at the hearing).

(Note: Music Education students are exempt from their eighth semester of applied lessons and ensemble if enrolled in MUSC 0328 Practicum.)

PERFORMING REQUIREMENTS (3 credits)

All Music majors are required to complete six semesters of MUSC 0279, Recital Attendance and Performance (required attendance and performance at weekly studio classes and departmental recitals). Students are required to perform regularly in studio classes, and are required to perform at least once each year in a public departmental recital. Music minors may perform in a departmental recital at the discretion of the applied instructor.

ADDITIONAL REQUIREMENTS (3 credits)
Instrumental Students
Non-ensemble Music Electives

Vocal Students
MUSC 0130 Lyric Diction I (1)
MUSC 0131 Lyric Diction II (1)
MUSC 0174 Applied Piano I* (1)

* Upon completion of MUSC 0253

OPTIONAL MUSIC CONCENTRATIONS

Music majors may choose to declare one of the following 6 concentrations. Students may not declare more than two concentrations. Note: each of the required 300-level music history seminars listed in the concentrations are in addition to the seminar required of all music majors in the General Requirements.

COMPOSITION (18 CREDITS)

Admission into the composition concentration is dependent upon the completion of the piano proficiency requirement, completion of MUSC 0214 with a minimum grade of B, and submission of an acceptable portfolio of compositions. Composition students must maintain a 3.0 GPA in Theory and Composition coursework.

Required:

MUSC 0214 Composition I	(1)
MUSC 0215 Composition II	(1)
MUSC 0216 Composition III	(1)
MUSC 0314 Advanced Composition I	(1)
MUSC 0315 Advanced Composition II	(1)
Music Theory or Music History Electives	(3)
MUSC 0217 Orchestration	(2)
MUSC 0312 Form and Analysis	(2)
MUSC 0303 Music in the 20th Century	(3)
MUSC 0235 Music Technology	(1)
MUSC 0378 Senior Recital/Composition	(0)

One of the following Courses (2)
MUSC 0330 Choral Conducting
MUSC 0331 Instrumental Conducting

JAZZ STUDIES (18 CREDITS)

Required:

MUSC 0125 Jazz Performance Lab	(1)
MUSC 0235 Music Technology	(1)
MUSC 0264 Jazz Theory I	(2)
MUSC 0265 Jazz Theory II	(2)
MUSC 0360 Jazz Comp/Arr I	(2)
MUSC 0361 Jazz Comp/Arr II	(2)
MUSC 0282 Improvisation I	(1)
MUSC 0283 Improvisation II	(1)
MUSC 0362 Improvisation III	(1)
MUSC 0363 Improvisation IV	(1)
MUSC 0368 Improvisation V	(1)
MUSC 0306 Advanced Jazz History	(3)
Senior Recital	(0)

Note: Students with a Jazz Studies concentration may substitute MUSC 0267 and 0268 for MUSC 0252 and 0253 of the general requirements. Jazz guitar majors must rent or purchase a nylon string guitar for their classical guitar studies.

MUSIC EDUCATION (41.5-42 CREDITS)

Admission to the Music Education concentration is dependent upon: completion of the piano proficiency requirement, and successful completion of a comprehensive entrance examination, which includes an assessment of the candidate's understanding of music education philosophy, as well as an assessment of his or her skills in the following areas:music theory, music history, basic musicianship, and piano.

All Music Education students must pass a pre-practicum jury examination in the semester preceding the practicum. The examination will demonstrate proficiency in conducting, score reading, piano, sight singing, and the major applied area.

All Music Education students preparing for a practicum experience in instrumental music normally take a traditional concert band or orchestral instrument for applied major. Students preparing for a practicum experience in vocal music normally take voice for the applied major. Students planning a practicum experience outside their usual performing area must demonstrate performance experience and proficiency equivalent to MUSC 0172, or complete three semesters of secondary applied study and ensemble experience in voice, percussion, winds or orchestral strings, as appropriate.

Note:Admission and retention in the Music Education program is dependent on: an overall GPA of 2.8, a 2.8 GPA in applied music, and a 2.8 GPA in pedagogy coursework.

In order to be eligible for student teaching, a student must have completed all required course and field work, have an overall GPA of 2.8 (including transfer work), and have a passing grade in the appropriate Massachusetts Tests for Educator Licensure (i.e., Communication and Literacy and subject matter tests).

Placements for student teaching (practicum) are limited to within a 30-mile radius of the University.

Pedagogical Coursework:

MUSC 0221 Music Curriculum and Instruction	(3)
MUSC 0323 Behavioral Techniques in Music	(3)
EDUC 0221 Students with Special Needs	(3)
PSYC 0206 Educational Psychology	(3)
MUSC 0328 Practicum: Music K-12	(12)

Required College Core Coursework

EDUC 0380 Multicultural Education	(3)
PSYC 0101 Introduction to Psychology	(3)

One of the following tracks:

Vocal Music Education Track:

MUSC 0312 Form and Analysis	(2)
MUSC 0319 Vocal Technique and Pedagogy	(3)
MUSC 0330 Choral Conducting	(2)
MUSC 0333 Vocal Music Education	(3)
MUSC 0154, 0155, 0157, 0158 Instrument Classes	(2)

(Choose 4 classes under advisement at 0.5 credits each)

Instrumental Music Education Track:

MUSC 0156 Voice Class	(0.5)
MUSC 0312 Form and Analysis	(2)
MUSC 0331 Instrumental Conducting	(2)
MUSC 0332 Instrumental Music Education	(3)
MUSC 0154, 0155, 0157, 0158 Instrument Classes	(4)

(Choose 8 classes under advisement at 0.5 credits each)

MUSIC HISTORY (18 CREDITS)

Students enrolled in the Music History concentration must maintain a 3.0 GPA in all of their Music History coursework.

Three of the following courses (9)
- MUSC 0300 Music in the Middle Ages and Renaissance
- MUSC 0301 Music in the Baroque andClassical Eras
- MUSC 0302 Music in the Romantic Era
- MUSC 0303 Music in the Twentieth-Century
- MUSC 0304 American Music
- MUSC 0306 Advanced Jazz History

Note:Each of the required 300-level music history seminars listed are in addition to the seminar required of all music majors in the General Requirements.

MUSC 0312 Form and Analysis (2)
MUSC 0205 Intro to Music Scholarship (1)
One of the following courses (3)
- LFRE 0101 French I
- LITA 0101 Italian I
- LGER 0101 German I

One of the following courses (3)
- EGST 0101 Intro to Comparative and Ethnic Studies
- SOCI 0200 Cultural Anthropology
- ENGL 0240 Cultural Studies
- ENGL 0276 Writing About the Arts
- ENGL 0303 Persuasive Communication
- ENGL 0347 Advanced Critical Writing
- HIST 0209 19th C. Europe
- HIST 0240 History of Russia II
- HIST 0263 US Women's History
- HIST 0264 African-American History
- HIST 0277 Latin America Since 1800
- PHIL 0217 Philosophy and Film

PERFORMANCE - INSTRUMENTAL (18 CREDITS)

Students must audition for admission into this concentration by passing a qualifying jury no later than the completion of their 4th semester of music major lesions (MUSC 0177). After successfully completion of the audition, students will enroll in 300-level Performance major lessons starting in their 5th semester. Transfer students must audition for admission into this concentration by the end of their 1st semester at Westfield.

Choose two of the following courses under advisement (6)
- MUSC 0300 Music in the Middle Ages and Renaissance
- MUSC 0301 Music in the Baroque and Classical Eras
- MUSC 0302 Music in the Romantic Era
- MUSC 0303 Music in the Twentieth-Century
- MUSC 0304 American Music
- MUSC 0306 Advanced Jazz History

Note: Each of the required 300-level music history seminars listed are in addition to the seminar required of all music majors in the General Requirements.

MUSC 0312 Form and Analysis (2)
One of the following courses (3)
- LFRE 0101 French I
- LITA 0101 Italian I
- LGER 0101 German I

Music Theory and Composition Elective(s) (2)
One of the following courses (2)
- MUSC 0330 Choral Conducting
- MUSC 0331 Instrumental Conducting

Music Electives (3)
MUSC 0288 Junior Recital/Performance (0)
MUSC 0388 Senior Recital/Performance (0)

PERFORMANCE - VOCAL (18 CREDITS)

Students must audition for admission into this concentration by passing a qualifying jury no later than the completion of their 4th semester of music major lesions (MUSC 0177). After successfully completion of the audition, students will enroll in 300-level Performance major lessons starting in their 5th semester. Transfer students must audition for admission into this concentration by the end of their 1st semester at Westfield.

Choose one of the followingcourses under advisement (3)
- MUSC 0300 Music in the Middle Ages and Renaissance
- MUSC 0301 Music in the Baroque and Classical Eras
- MUSC 0302 Music in the Romantic Era
- MUSC 0303 Music in the Twentieth-Century
- MUSC 0304 American Music

Note: Each of the required 300-level music history seminars listed are in addition to the seminar required of all music majors in the General Requirements.

MUSC 0312 Form and Analysis (2)
MUSC 0319 Vocal Technique and Pedagogy (3)
One of the following courses (3)
- LFRE 0101 French I
- LITA 0101 Italian I
- LGER 0101 German I

One of the following courses (3)
- LFRE 0102 French II
- LITA 0102 Italian II
- LGER 0102 German II

One of the following courses (2)
- MUSC 0330 Choral Conducting
- MUSC 0331 Instrumental Conducting Music Electives (3)

MUSC 0288 Junior Recital/Performance (0)
MUSC 388 Senior Recital/Performance (0)

PROGRAM REQUIREMENTS MUSIC MINOR (23 CREDITS)

Entrance into the Music Minor requires an audition.

Required:
- MUSC 0111 Music Theory I (2)
- MUSC 0113 Sight Singing and Ear Training I (2)
- MUSC 0152 Piano Class I (0.5)
- MUSC0153 Piano Class II (0.5)
- *Students may take a piano proficiency exam to waive piano class requirements.
- MUSC 0201 Music History II (3)
- MUSC 0170 Applied Music Minor I (0.5)
- MUSC 0171 Applied Music Minor II (0.5)
- MUSC 0172 Applied Music Minor III (0.5)
- MUSC 0173 Applied Music Minor IV (0.5)
- MUSC 0279 Recital Attendance and Performance (2)
  (4 semesters at 0.5 credits per semester)

Ensemble Requirement (2)
Four semester of participation in one of the following ensembles, as assigned by the department, to run concurrently with four semester of applied lessons:

MUSC 0143 Wind Symphony
MUSC 0141 Festival Chorus
CCGS Orchestra

Electives:9 credit hours from the following, or other courses approved by the department chair:

MUSC 0104 World Music	(3)
MUSC 0160 History of Jazz	(3)
MUSC 0112 Music Theory II	(2)
MUSC 0114 Sight Singing and Ear Training II	(2)
MUSC 0200 Music History I	(3)
MUSC 0230 Basic Conducting	(2)
Up to Two Additional Ensembles (other than required)	(1)

Performance on Departmental Recitals is optional at the discretion of the Applied Instructor

Courses

THEORY AND COMPOSITION

MUSC 0110 BASIC MUSIC THEORY (3) An introduction to the fundamental aspects of music making including rhythm, notation, scales, intervals, chords, beginning harmony, sight singing, ear training, and keyboard harmony.

MUSC 0111 MUSIC THEORY I (2) An introductory music theory course combining the study of notation, scales, intervals, chord construction, rhythm, melody, harmonic progression, voice leading, and keyboard harmony.

MUSC 0112 MUSIC THEORY II (2) A continuation of MUSC 0111 with an emphasis on harmonic analysis, cadences, beginning formal analysis, non-chord tones, and an introduction to chromatic harmony. Prerequisite: MUSC 0111.

MUSC 0113 SIGHT SINGING AND EAR TRAINING I (2) An introductory course in elementary musicianship skills emphasizing sight singing, ear training and rhythmic reading.

MUSC 0114 SIGHT SINGING AND EAR TRAINING II (2) A continuation of MUSC 0113. Studies in intermediate musicianship skills emphasizing sight singing, ear training and rhythmic reading. Prerequisite: MUSC 0113.

MUSC 0211 MUSIC THEORY III (2) A continuation of MUSC 0112 emphasizing the study of extended chords, chromatic harmony, modulation, and the continued development of analytical techniques. Prerequisite: MUSC 0112.

MUSC 0212 MUSIC THEORY IV (2) A continuation of MUSC 0211 with emphasis upon twentieth century materials and techniques including non-traditional scales, serialism, set theory, and developments in rhythm and form. Prerequisite: MUSC 0211.

MUSC 0213 SIGHT SINGING AND EAR TRAINING III (2) A continuation of MUSC 0114. Continued studies in intermediate musicianship skills emphasizing sight singing, ear training and rhythmic reading. Prerequisite: MUSC 0114.

MUSC 0214 COMPOSITION I (1) An introduction to basic compositional techniques in music. Creative work in smaller forms. Prerequisite: MUSC 0211.

MUSC 0215 COMPOSITION II (1) Continuation of MUSC 0214. Principles and techniques for students of composition. Public Performance of original compositions required. Prerequisites: MUSC 0211 and MUSC 0214.

MUSC 0216 COMPOSITION III (1) Continuation of MUSC 0215. Principles and techniques for students of composition. Public performance of original compositions required. Prerequisites: MUSC 0212 and MUSC 0215.

MUSC 0217 ORCHESTRATION (2) The study of instruments of the orchestra, emphasizing composing and arranging in various standard ensemble combinations. Prerequisites: MUSC 0211

MUSC 0223 SIGHT SINGING AND EAR TRAINING IV (2) A continuation of MUSC 0213. Studies in advanced musicianship skills emphasizing sight singing, ear training and rhythmic reading. Additional emphasis given to score reading, instrumental transposition, and the interpretation of scores through formal analysis. Prerequisite: MUSC 0213.

MUSC 0264-0265 JAZZ THEORY I, II (2 each) An introduction to essential aspects of jazz, including: chords and scales used in jazz and their relationships, chord voicing, nomenclature, terminology, chord progressions, analysis of solos, and forms. Involves ear training. Prerequisite: MUSC 0111.

MUSC 0310 COUNTERPOINT (3) An overview of species counterpoint will lead to a study of tonal counterpoint in the style of the 18th Century. Analysis of representative works will complement the written work in two to four voices, culminating in efforts in such forms and techniques as the invention, canon, invertible counterpoint, and fugue. Prerequisite: MUSC 0211.

MUSC 0311 ADVANCED MUSIC THEORY (3) A continuation of MUSC 212, further exploring materials and techniques of nineteenth and twentieth century music. Includes and introduction to the works of contemporary music theorists and an overview of current theoretical trends. Prerequisites: MUSC 0212 and MUSC 0312.

MUSC 0312 FORM AND ANALYSIS (2) An introduction to the analysis of musical forms. Works analyzed: 17th century to late 19th century compositions. Prerequisite: MUSC 0211.

MUSC0314-0316 ADVANCED COMPOSITION I-III (1 each) Continuation of MUSC 0216. Advanced studies in composition with a goal of developing effective personal technique and methodology. Public performance of original compositions required. Prerequisite:MUSC 0216 and MUSC 0312.

MUSC 0360-0361 JAZZ COMPOSITION AND ARRANGING I-II (3 each) Courses exploring the techniques and concepts of jazz writing in various styles. Involves detailed analysis of jazz masterpieces and methods of arranging for ensembles of different sizes. Prerequisite: MUSC 0264.

MUSC 0399 INDEPENDENT STUDY (Theory and Composition) (3-6). Permission of instructor.

MUSIC HISTORY, LITERATURE, AND APPRECIATION

MUSC 0101 MUSIC APPRECIATION (3) The study of masterpieces of music from each era, from the Middle Ages through contemporary times. Emphasis is on directed listening and music is analyzed with reference to style characteristics.

MUSC 0104 WORLD MUSIC (3) A survey of world music literature focusing on non-Western cultures including:Africa, China, India, Indonesia, Japan, Latin and South America; and lesser known music of the Western world including Native American and Canadian peoples.

MUSC 0160 HISTORY OF JAZZ (3) The study of jazz music from the early 1900's to the present. Emphasis on styles and trends of major jazz performers and ensembles within each period.

MUSC 0199 AFRICAN DRUMMING (3) An introduction to the repertory of dance drumming and vocal music of the Ewe people of Ghana, Togo, and Benin. Students are introduced to a wide range of topics to West African culture, philosophy, and daily life, and learn to perform this indigenous music in an ensemble setting. Repertory will include Atsiagbekor (traditional), and Gahu (traditional), and Gahu (updated). No prior musical training is necessary.

MUSC 0200 MUSIC HISTORY I (3) A chronological study of the history of musical styles showing the development of musical forms from the Middle Ages through the Baroque Era.

MUSC 0201 MUSIC HISTORY II (3) A continuation of Music History I. The study of musical forms as developed from the Classical Era through the Twentieth Century.

MUSC 0205 INTRODUCTION TO MUSIC SCHOLARSHIP (1) The principal purpose of the course is for the student to become acquainted with, and to practice using, the methods and resources necessary to do research in the field of music. In addition, the student is expected to show improvement in writing skills and demonstrate the organization necessary to write a high-quality research paper. The goal of the course is for the student to be able to produce independently successful research papers in seminars and as graduate students.

MUSC 0245 MUSIC HISTORY REVIEW (2) Review of music history from medieval to the twentieth century. This course is designed to satisfy deficiencies indicated by the transfer student diagnostic entrance examination in music history. Removal of deficiency requires a grade of C or higher. Prerequisite: Limited to Music majors.

MUSC 0300 MUSIC IN THE MIDDLE AGES AND RENAISSANCE (3) A study of forms and styles of Western Music from Antiquity through the Sixteenth Century. Prerequisites: MUSC 0200, **and** MUSC 0201; **or** permission of instructor.

MUSC 0301 MUSIC IN THE BAROQUE AND CLASSICAL ERAS (3) A study of forms and styles of music from 1600-1800 with emphasis on the music of Monteverdi, Handel, Bach, Haydn, Mozart, and Beethoven. Prerequisite:MUSC 0200 **and** MUSC 0201; or permission of instructor.

MUSC 0302 MUSIC IN THE ROMANTIC ERA (3) A study of the forms and styles of music from 1800 to 1900 with emphasis on orchestral, chamber, and operatic works. Prerequisite: MUSC 0200 **and** MUSC 0201; **or** permission of instructor.

MUSC 0303 MUSIC IN THE TWENTIETH CENTURY (3) A study of changing styles of music from the late German Romanticists through the experimental music of contemporary times. Prerequisites: MUSC 0200, **and** MUSC 0201; **or** permission of instructor.

MUSC 0304 AMERICAN MUSIC (3)A study of the important musical traditions within the history of the United States of America, from the Colonial era to the present. The topics include a deeper and more critical understanding of the nature of music and musical traditions, the primary characteristics of classical, folk, and popular music, and familiarity with the history and sounds of the major traditions of American music. Prerequisite:MUSC 0200 **and** MUSC 0201.

MUSC 0306 ADVANCED JAZZ HISTORY (3) Investigation of performance and compositional innovations in jazz in the twentieth century. Studies of musical trends and cultural forces influencing jazz today. Analysis of scores, transcriptions, and recordings by major jazz stylists. Prerequisite:MUSC 0160.

MUSC 0399 INDEPENDENT STUDY (Music History) (3-6). Permission of instructor.

MUSIC EDUCATION

MUSC 0130 LYRIC DICTION I (1) An introduction to sung diction in Latin, German and Italian, including the introduction and use of the International Phonetic Alphabet as a basis for continued study of sung language. Singers will prepare and perform literature in all languages studied.

MUSC 0131 LYRIC DICTION II (1) Continuation of Lyric Diction I. Includes the study and performance of literature in French and English. Prerequisite:MIUSC 0130.

MUSC 0221 MUSIC CURRICULUM AND INSTRUCTION (3) A field-based methods course including an overview of curriculum and principles of music education grades K-12. Administration of ensembles and classroom music courses. Twenty-five (25) hours of field experience in selected public schools are required with documentation.

MUSC 0230 BASIC CONDUCTING (2) Basic techniques of conducting including baton techniques; simple, compound, and asymmetrical meters; expression and interpretation through laboratory experiences. Prerequisites: MUSC 0112.

MUSC 0225 ALEXANDER TECHNIQUE (2) This course is an introduction to the alexander Technique, a unique methods to attain greater ease of movement. Students will learn to recognize subtle ways in which habitual patters of movement contribute to physical tension, anxiety and even injury. This discovery is achieved through explorations leading to awareness and an understanding of the inter-relationship of an individual's thoughts and physical condition.

MUSC 0319 VOCAL TECHNIQUE AND PEDAGOGY (3) A specialized course for vocal music majors which explores details of vocal placement, resonance, diction and physiology. Includes techniques for training children's voices and the adolescent changing voice. Prerequisite: MUSC 0171.

MUSC 0322 ELEMENTARY MUSIC METHODS (3) A survey of music literature, materials and current teaching techniques appropriate for the elementary school vocal music program. Consideration is given to identifying goals and developing sequential musical experiences. Assignments in area public/private schools will be required throughout the semester. Prerequisites: PSYC 0101, MUSC 0156, Piano Proficiency, and MUSC 0221.

MUSC 0323 BEHAVIORAL TECHNIQUES IN MUSIC (3) A field-based methods course emphasizing the application of behavioral principles in music rehearsals and classes. Twenty-five (25) hours of field experience in selected public schools are required with documentation. Prerequisites: PSYC 0101 and MUSC 0221.

MUSC 0328 PRACTICUM: MUSIC K-12 (12) A full-time apprenticeship with one or more co-operating practitioners at two different grade levels (elementary, secondary), supervised by college music faculty. A minimum of 300 hours in the practicum will be documented. Periodic on campus seminars are required. Prerequisite: Completion of music and professional course work.

MUSC 0332 INSTRUMENTAL MUSIC EDUCATION (3) A field-based methods course emphasizing teaching materials, music literature and teaching techniques for instrumental and general music in elementary, middle, and high schools. Twenty-five (25) hours of field experience in selected schools are required, with documentation. Prerequisites: MUSC 0221, MUSC 0230.

MUSC 0333 VOCAL MUSIC EDUCATION (3) A field-based methods course emphasizing teaching materials, music literature and teaching techniques for vocal and general music in the elementary, middle, and high schools. Twenty-five (25) hours of field experience in selected schools are required, with documentation. Prerequisites: MUSC 0221 and MUSC 0230.

MUSC 0334 JAZZ PEDAGOGY AND LITERATURE (3) A course dealing with the specifics of jazz education with emphasis on essential skills of rehearsing a jazz ensemble. Involves an overview of most resources in jazz available to date. Prerequisite: MUSC 0112 and MUSC 0230.

MUSC 0399 INDEPENDENT STUDY (Music Education) (3-6). Permission of instructor.

CONDUCTING

MUSC 0330 CHORAL CONDUCTING (2) The development of conducting techniques in relation to rhythmic/melodic exercises. Basic techniques of choral conducting, voice production, choral literature and performance practices. Prerequisites: MUSC 0201, MUSC 0211, and MUSC 0230.

MUSC 0331 INSTRUMENTAL CONDUCTING (2) This course is intended for the instrumental music education major with the purpose of reinforcing his/her knowledge of band repertoire, conducing technique, score analysis, and rehearsal procedures. Prerequisites: MUSC 0201, MUSC 0211, and MUSC 0230.

MUSC 0399 INDEPENDENT STUDY (Conducting) (3-6). Permission of instructor.

PERFORMING ENSEMBLES

MUSC 0140 CHORALE (0.5) Mixed voices emphasizing the acappella tradition, the Chorale also performs with orchestra. Extensive performance schedule on and off campus. Literature spans all periods of music history. The Chorale tours every spring. May be repeated for credit. Prerequisite:By audition only.

MUSC 0141 COLLEGE CHORUS (0.5) Mixed voices. Performs on and off campus at least twice each semester. Literature covers all periods of music history with emphasis on major works. May be repeated for credit.

MUSC 0143 WIND SYMPHONY (0.5) Open to all qualified students through the successful completion of an audition. Dedicated to the finest in wind-instrument repertory. Several concerts, both on and off campus each year. May be repeated for credit.

MUSC 0145 JAZZ BIG BAND (0.5) A large jazz ensemble class. Emphasis on section playing skills. Repertoire consists of a broad range of musical styles. Involves concert performances. By audition only. May be repeated for credit.

MUSC 0146 JAZZ VOCAL ENSEMBLE (0.5) An ensemble of singers and instrumentalists who perform arrangements in Jazz and contemporary idioms. By audition only. May be repeated for credit.

MUSC 0240 CHAMBER ENSEMBLES (0.5) Small ensembles structured according to student interest and available faculty expertise. Recently offered Chamber Ensembles:Guitar Ensemble, Low Brass Ensemble, Opera Workshop, Percussion Ensemble, Piano Ensemble, Saxophone Quartet, String Ensemble, Trombone Choir, Trumpet Ensemble, Vocal Jazz Ensemble, Women's Choir, and Woodwind Quartet. May be repeated for credit.

MUSC 0269 SMALL JAZZ ENSEMBLE (0.5) A small jazz ensemble class. Emphasis on solo playing skills. Repertoire consists of a broad range of musical styles. Involves concert performance. By audition. May be repeated for credit.

JAZZ STUDIES

MUSC 0125 JAZZ PERFORMANCE LAB (1) A performance course addressing the basics of jazz styles through listening, practice, performance and evaluation. Participants can expect to learn jazz etudes, standard repertoire melodies, chord and scale patters and the blues. No previous jazz experience is necessary. Students must have an instrument to play and must be able to read written music.

MUSC 0264-0265 JAZZ THEORY I, II (2 each)An introduction to essential aspects of jazz, including: chords and scales used in jazz and their relationships, chord voicing, nomenclature, terminology, chord progressions, analysis of solos, and forms. Involves ear training. Prerequisite: MUSC 0111.

MUSC 0267-0268 FUNCTIONAL JAZZ PIANO I-II (0.5 each) Jazz piano instruction emphasizing chord voicing, accompaniment, and solo techniques. Prerequisites: MUSC 0152 and MUSC 0153; or permission of instructor.

MUSC 0282-0283, 0362-0363, 0368 JAZZ IMPROVISATION I-V (1 each) A progressive performance course designed to accommodate improvisers at various levels of ability. Individuals progress through five levels of study by demonstrating mastery of each level's requirements. Requirements include memorization of melodies and chord changes, listening, transcription, analysis, and scale and chord pattern study. Prerequisite: MUSC 0264 **or** permission of instructor.

MUSC 0360-0361 JAZZ COMPOSITION AND ARRANGING I-II (2 each) A course exploring the techniques and concepts of jazz writing in various styles. Involves detailed analysis of jazz masterpieces and methods of arranging for ensembles of different sizes. Prerequisite: MUSC 0264.

MUSC 0399 INDEPENDENT STUDY (Jazz Studies) (3-6). Permission of instructor.

MUSIC TECHNOLOGY

MUSC 0235 MUSIC TECHNOLOGY (1) Introduces Music technology for musicians. An overview of the use of Music IT in the areas of Music Education, performance, musicological research, and composition. Prerequisite:MUSC 0110 or MUSC 0111.

APPLIED MUSIC CLASSES: To be selected by advisement.

MUSC 0152, 0153, 0252, 0253 PIANO CLASS I-IV (for Music Majors) (.5 each) A keyboard class designed to develop practical playing skills. Begins with emphasis on fundamental piano techniques, moves through emphasis on chording, accompanying, and improvising and sight reading, and concludes with the learning of assigned compositions and the development of transposition skills.

MUSC 0154 WOODWIND CLASS (.5) The focus will be on either Flute, Oboe/Bassoon, Clarinet, or Saxophone. Involves classroom study of the particular instrument through practical experience in performance to the extent that the student can demonstrate a knowledge of the basic fundamentals of embouchure, fingerings, breathing and tone production, as they apply to the particular instrument being studied.

MUSC 0155 BRASS CLASS (.5) (Trumpet, Horn, Trombone, or Tuba) Classroom study of the particular instrument through practical experience in performance to the extent that the student can demonstrate knowledge of the basic fundamentals of embouchure, fingerings, breathing and tone production as they apply to the particular instrument being studied.

MUSC 0156 VOICE CLASS (.5) A course designed to meet the needs of the non-voice major in the Music major program. The class is conducted in the form of a vocal laboratory, in which the students work on the development of skills necessary for good singing.

MUSC 0157 PERCUSSION CLASS (.5) The study and acquisition of skills applicable to the various instruments of the percussion section.

MUSC 0158 STRING CLASS (.5) (Violin, Viola, Violoncello, String Bass or Guitar) Classroom study on a particular instrument. Practical experience in performance to the extent that the student can demonstrate a knowledge of the basic fundamentals of bowing, fingerings, and tone production as they apply to the particular instrument.

APPLIED MUSIC LESSONS

MUSC 0170-0173 APPLIED MUSIC (MINOR) I-IV (.5 each)
MUSC 0270-0273 APPLIED MUSIC (MINOR) V-VIII (.5 each)
MUSC 0174-0177 APPLIED MUSIC (MAJOR) I-IV (1 each)
MUSC 0274-0277 APPLIED MUSIC (MAJOR) V-VIII (2 each)
MUSC 0374-0377 APPLIED MUSIC
(PERFORMANCE CONCENTRATION) V-VIII (2 each)

MUSC 0279 RECITAL ATTENDANCE AND PERFORMANCE (0.5) All Music majors are required to complete 6 semesters (Music minor 3 semester) of MUSC 0279, Recital Attendance and Performance. Attendance is required at weekly studio classes and departmental recitals. Students are required to perform regularly in studio classes, and are required to perform at least once each year in a departmental recital. Music minors may perform at the discretion of their applied instructor. Music Education majors are exempt from MUSC 0279 in the semester which they are enrolled in their practicum. Pass/Fail.

MUSC 0288 JUNIOR RECITAL/PERFORMANCE (0) Complete public recital of solo and ensemble (optional) literature from the standard repertoire. The Junior Recital demonstrates that the culmination of achievements in proficiency, musicianship, and technical levels addressed throughout five semesters of applied undergraduate study. Prerequisite:A satisfactory qualifying examination.

MUSC 0378 SENIOR RECITAL/COMPOSITION (0) Complete public recital of original works. The Senior Recital demonstrates the culmination of achievements in proficiency, musicianship, and technical levels addressed throughout five semester of music composition study. The student composer is required to participate in the recital as a performer and/or conductor. Prerequisite:MUSC 0314.

MUSC 0388 SENIOR RECITAL/PERFORMANCE (0) Complete public recital of solo and ensemble (optional) literature from the standard repertoire. The Senior Recital demonstrates the culmination of achievements in proficiency, musicianship, and technical levels addressed throughout eight semesters of applied undergraduate study. This public recital reflects the student's ability to perform in solo and or chamber music settings. More importantly, the Senior Recital prepares the student for graduate school entrance as well as professional auditions. Prerequisite: A satisfactory junior performance.

Nursing and Allied Health

The Department of Nursing and Allied Health offers a major in nursing. Upon completion of the major and University requirements the student earns the Bachelor of Science in Nursing. The undergraduate baccalaureate nursing program at Westfield State University nursing meets the standards of the Massachusetts Board of Registration (BORN). The University is a member of the American Association of Colleges of Nursing (AACN). This innovative four year program will provide nursing graduates with the knowledge base, the clinical skills and the values that are at the very heart of current, cutting-edge professional nursing. The major integrates the University's core requirements plus additional courses in the humanities, physical and social sciences to provide students with a strong liberal arts background which serves as the foundation for professional nursing. Nursing skills laboratories will assist in facilitating the transfer of theoretical knowledge to direct nursing interventions, and a wide range of affiliated health care and community agencies wills serve as placements for clinical practice.

The goal of this undergraduate program is to prepare a nursing graduate who is skilled in promoting health, who uses clinical judgment to deliver high quality, compassionate, and evidenced base care to individuals, families and communities and who demonstrates cultural and ethical understanding and leadership abilities.

Upon completion of the approved program, graduates will be eligible to take the National Council Licensing Examination in Nursing for Registered Nurses (NCLEX-RN), a required credential for nursing practice. Nursing courses and science lab courses require a grade of "C" or better to remain in good standing. Students may repeat only one clinical nursing course with less than a "C" grade during their entire program.

REQUIREMENTS FOR THE NURSING MAJOR

FIRST YEAR

First Semester

CHEM 0103 Chemistry for the Life Science	(4)
ENGL 0101 English Composition I	(3)
NURS 0101 Introduction to Professional Nursing	(2)
PHIL 0102 Introduction to Ethics	(3)
SOCI 0101 Principles of Sociology	(3)

Second Semester

BIOL 0123 Math Methods in the Natural Sciences	(3)
BIOL 0237 Human Anatomy and Physiology I	(4)
ENGL 0102 English Composition II	(3)
MOVP 0212 Concepts of Nutrition	(3)
PSYC 0101 Introduction to Psychology	(3)

SOPHOMORE YEAR

First Semester

Appreciation of the Arts Core Elective	(3)
BIOL 0239 Human Anatomy and Physiology II	(4)
Global Diversity Core Elective	(3)
NURS 0200 Health Assessment and Promotion	(3)
US History and Government Core Elective	(3)

Second Semester

BIOL 0223 Microbiology	(4)
NURS 0210 Current Principles of Professional Nursing	(4)
NURS 0220 Nursing Pharmacology	(3)
PSYC 0207 Lifespan Development	(3)
SOCI 0202 Race and Ethnic Relations	(3)

JUNIOR YEAR

First Semester

MATH 0108 Elementary Statistics	(3)
NURS 0300 Nursing Care of the Adult and Older Adult	(9)
SOCI 0321 Social Gerontology	(3)

Second Semester

Literary and Philosophical Analysis Core Elective	(3)
NURS 0305 Nursing Research	(3)
NURS 0310 Community Health Nursing	(5)
NURS 0315 Psychiatric Nursing	(5)

SENIOR YEAR

First Semester

Appreciation of the Arts Core Elective	(3)
NURS 0320 Nursing Care of Women and Children	(7)
NURS 0350 Advanced Principles of Professional Nursing	(3)

Second Semester

NURS 0355 Nursing Leadership	(3)
NURS 0360 Preparation for Professional Licensure	(1)
NURS 0397 Nursing Capstone/Clinical Internship	(6)
Social Understanding Core Elective	(3)

Due to the nature of securing clinical placement sites, all clinical laboratory experiences including off-campus sites are subject to change. Students are not allowed to self-select clinical sites and days.

Courses

NURS 0101 INTRODUCTION TO PROFESSIONAL NURSING (2) Introduces the beginning student to the nursing profession, providing both an historical perspective and a focus on the current state of the nursing profession and its alignment with the most recent trends in healthcare. Topics will include introduction to nursing informatics with a focus on acquiring and ethically using obtained knowledge and an introduction to the resources that are available to nursing students to assure their success.

NURS 0200 HEALTH ASSESSMENT AND PROMOTION (3) Introduces health assessment and wellness concepts. The focus of this course is on the development of beginning skills in assessing the health of adults and older adult patients with an emphasis on physical examination and techniques and clinical decision making based on findings. Topics include the multitude of variables that contribute to wellness, the use of the nursing process, interacting with clients using appropriate communication skills, taking an accurate health history and establishing an appropriate data base using current informatics for correct documentation of obtained information. Prerequisite: BIOL 0237 and MOVP 0210. Corequisite: BIOL 0239.

NURS 0210 CURRENT PRINCIPLES OF PROFESSIONAL NURSING (4) Examines the underlying theoretical concepts and expands on prior knowledge and skills from the sciences and the humanities. The core focus is on utilizing the nursing process and evidence based practice to provide quality, individualized, compassionate, and safe care to adult and older adult patients and their families. Competency in the use of basic nursing skills and health teaching are key elements integrated into the clinical laboratory setting. Prerequisite: BIOL 0239 and NURS 0200.

NURS 0220 NURSING PHARMACOLOGY (3) Focuses on the chemical and physical characteristics of therapeutic drugs as well as their physiological impact on clients of all ages. General principles of pharmacology and the key categories of commonly used drugs to treat a broad range of pathophysiological conditions will be included. The therapeutic use of drugs essential for current nursing practice will be examined. Clinical, legal and ethical decision making related to drug administration will be covered. Prerequisite: NURS 0200.

NURS 0300 NURSING CARE OF THE ADULT AND OLDER ADULT (9) Focuses on the care of adult and older adult patients and their families in more acute care settings. Content includes using critical thinking to make appropriate clinical decisions for developing and implementing evidence based professional nursing interventions to achieve appropriate patient outcomes. The integrating of theoretical and clinical knowledge in the care of adults/older adults with acute and chronic illness, synthesizing laboratory data, and the setting of priorities will be incorporated. Prerequisite: BIOL 0239, BIOL 0223, NURS 210, and MOVP 0212.

NURS 0305 NURSING RESEARCH (3) Focuses on nursing research and its impact on evidence based nursing practice. Addresses research terminology, defining researchable nursing problems, identifying variables, hypothesis development and testing and sample selection as well as evaluation of findings. A major component of this course will be discussion of the nurse as the consumer of research. Additionally, the utilization of critical thinking skills will be emphasized to analyze research findings. Students also will be encouraged to explore nursing research that addresses clinical problems in their own nursing practice. Prerequisite: MATH 0108.

NURS 0310 COMMUNITY HEALTH NURSING (5) Identifies current nursing concepts and focuses on their application in public health and community settings with individuals, families and at-risk populations. The dynamics of health promotion and prevention as impacted by global, societal and cultural influences will be explored. A variety of community agencies will be utilized. Prerequisite: NURS 0300.

NURS 0315 PSYCHIATRIC NURSING (5) Focuses on the provision of nursing intervention to clients experiencing mental health issues. In addition to theoretical and clinical exposure to a broad range of psychiatric conditions, the connection of mind-body, the importance of coping skills and stress management will be explored. Interpersonal skill development and clinical decision making with this population will be emphasized. Prerequisite: NURS 0300.

NURS 0320 NURSING CARE OF WOMEN AND CHILDREN (7) Focuses on nursing interventions to support the holistic health needs of women and children from conception to mid-life. The course will stress the use of critical thinking skills to meet the physiological and psychological needs of emerging families and will provide opportunities to care for these clients in different venues across the wellness-illness continuum. Prerequisite: NURS 0310 and NURS 0315.

NURS 0350 ADVANCED PRINCIPLES OF PROFESSIONAL NURSING (3) Builds on previous nursing concepts, focusing on the sophisticated use of the nursing process and critical thinking to provide safe, skilled, ethical nursing care to patients with serious complex physiological conditions. Prerequisite: NURS 0310 and NURS 0315.

NURS 0355 NURSING LEADERSHIP (3) Focuses on the role of the professional nurse in a leadership/management position. The course examines how the professional nurse works collaboratively within the structure of a healthcare organization. Emphasis will be on leadership and organizational theories and their relationship to managing people, positive problem solving/decision making, conflict resolution, appropriate delegation and effective communication with all members of the health care team. The use of self-assessment to facilitate the development of leadership/management skills will be incorporated. Prerequisite: NURS 0320 and NURS 0350. Corequisites: NURS 0397 and NURS 0360.

NURS 0360 PREPARATION FOR PROFESSIONAL LICENSURE (1) Focuses on study strategies, test-taking skills and content review to assist in preparing for the NCLEX- RN licensure examination. Included will be NCLEX-RN practice tests to reinforce prior learning and to enhance testing abilities. Prerequisite: NURS 0320 and NURS 0350. Corequisites: NURS 0355 and NURS 0397.

NURS 0397 NURSING CAPSTONE CLINICAL INTERNSHIP (6) Provides an opportunity to assume a professional nursing role under the auspices of a qualified nurse preceptor. This capstone experience focuses on synthesizing advanced nursing concepts and utilizing complex decision making in an individualized clinical environment. Emphasis will be on preparing to transition to competent and confident beginning professional practice. Prerequisites: Successful completion of all prior clinical nursing courses. Prerequisite: NURS 0320 and NURS 0350. Corequisites: NURS 0355 and NURS 0360.

Philosophy

PHILOSOPHY MINOR

Students who wish to add significant philosophic depth to their undergraduate program may take a minor in Philosophy. The minor consists of 18 credits of Philosophy courses. The Philosophy Department does not require a rigid sequence of courses but relies on advising to integrate the minor and the student's educational needs and interests.

The philosophy faculty intends to provide courses to achieve the following:

* opportunities in all offerings for insight into and the methods for rigorous, carefully articulated, dynamic criticism of ideas and theories in general
* detailed, multi-level treatments of certain well-defined and traditionally important areas of thought such as political and social philosophy, ethics, logic, religion, philosophy of science, and philosophies of the human sciences
* a comprehensive range of courses outlining the development of Western philosophies and identifying significant thinkers, with a particular emphasis on modern and contemporary implications
* frequent and thorough analyses of issues which can utilize fruitfully and provocatively interdisciplinary perspectives and the application of antithetical as well as complementary theories of knowledge
* study of issues in ways which heighten and promote the continued vitality of a liberal arts education, especially the analytical and critical breadth which the humanities provide.

The Department expects to advance these goals in part by often scheduling courses on topical and timely subjects.

The courses which follow are divided into three levels, varying by degree of difficulty and requirements for entrance. Level One courses have no prerequisites and are open to all students in the University. Level Two courses generally have some form of prerequisite, though under special circumstances these may be waived. Level Three courses usually contain more difficult material; prerequisites should be expected, though not necessarily only in philosophy. In all cases, however, the instructor may waive prerequisites so as to give students opportunities to undertake a serious intellectual challenge.

Courses

PHIL 0101 INTRODUCTION TO SOCIAL AND POLITICAL PHILOSOPHY (3) Introduction to philosophy by studying the social and political ideas, images, and language of contemporary culture through topics such as liberty, order and freedom, values and projects of late 20th century cultural and social movements, and the institutions of socio-political life. Readings of primary sources, oral presentations, and significant writing required. Special attention given to improving critical analysis.

PHIL 0102 INTRODUCTION TO ETHICS (3) Introduction to philosophy through consideration of classic and contemporary theories of morality and the best life. Topics may include the concepts of freedom, happiness, justice, dignity, virtue, right/wrong, good/bad, alienation, loneliness, obligation, responsibility, rights and duties, as well as the structure of morality. Special attention is given to the fundamentals of critical analysis.

PHIL 0103 SYMBOLIC LOGIC I (3) An introduction to standard, first-order propositional calculus and natural deduction. Topics to include: identifying and classifying inference as emotive, inductive or deductive; judging inference as tautologous, contingent, or contradictory; distinguishing between the truth of statements and the validity of arguments; identifying valid argument forms and substitution rules; evaluating truth-functions using natural deduction; evaluating arguments using alternative truth table techniques, forcing, direct proof, indirect proof, conditional proof, and the strengthened rule of conditional proof.

PHIL 0104 GREAT PHILOSOPHICAL ISSUES (3) Introduction to philosophy through consideration of historically recurrent themes such as the concepts of knowledge/belief/faith, the natures of appearance and reality, the mind/body problem, freedom, free will, determinism, social justice, and moral values. Special attention is given to the fundamentals of critical analysis and the interpretation of original texts.

PHIL 0109 INTRODUCTION TO PHILOSOPHY OF RELIGION (3) Introduction to philosophy through analysis of religious beliefs and values. Significant topics include the problem of the existence of god(s), the nature of faith, the nature of god(s) and reality, the question of religious revelation, the reliability of religious experience, as well as the sociological and psychology import of religious belief. Special attention is given to the fundamentals of critical analysis and the interpretation of original texts.

PHIL 0110 INTRODUCTION TO PHILOSOPHY OF SCIENCE (3) Introduction to classical and contemporary scientific world views and their respective philosophies of nature. Topics such as comparative studies of major scientific revolutions. Special attention given to the fundamentals of philosophical analysis of scientific theories.

PHIL 0200 SPECIAL TOPICS IN PHILOSOPHY: (3) Careful analytical treatment of selected philosophical issues, perspectives, or themes chosen for their timely interest. Significant topics such as Marxism, Eastern philosophies, myth and reality, minds and machines, and philosophy and the arts (music, film, drama, literature, painting, design, or sculpture; aesthetics). Prerequisite: 0100-level philosophy course or equivalent.

PHIL 0201 ANCIENT PHILOSOPHY (3) Reading and discussions of such ancient thinkers as the pre-Socratics, Socrates, Democritus, Plato, and Aristotle. Special attention to organizing ancient philosophical thought by examining historically recurrent themes; considering dominant perspectives such as Ionian nature-philosophy, atomism, skepticism, and Pythagoreanism. Prerequisite: 0100-level philosophy course or equivalent.

PHIL 0206 SYMBOLIC LOGIC II (3) A continuation of Symbolic Logic I. Introduction to standard, higher-order predicate calculus. Topics to include: proving validity using preliminary and complete quantification rules; forcing invalidity of singular and multiply-general propositions; proving validity using modal operator rules; constructing relational predicates using the theory of relations; constructing definite descriptions using identity rules, and deducing attributes of attributes using predicate variables. Prerequisite: PHIL 0103 or its equivalent.

PHIL 0211 ASIAN PHILOSOPHY (3) Careful analytical treatment of major Asian philosophies such as Buddhism, Confucianism, Hinduism, Jainism, Shinto, Sikhism, Taoism, and Zen. Special attention is given to the fundamentals of philosophical analysis and the interpretation of original texts in translation.

PHIL 0213 PHILOSOPHY AND MODERN ORGANIZATIONS (3) Careful analytical treatment of selected modern institutions so as to understand their philosophical presuppositions, ethics, languages, orders, and impact on and view of the person. Topical consideration of agencies, professions, and social groups such as those involved with medicine, the law, business, psychiatry and psychology, education, and government. Under this course number might appear biomedical, media, scientific, or legal ethics; philosophies of law or of jurisprudence, etc. Prerequisite:0100-level philosophy course or equivalent.

PHIL 0216 CONTEMPORARY PHILOSOPHY (3) Reading and discussion of selected thinkers of the 20th Century such as Sartre, de Beauvoir, Heidegger, Wittgenstein, Russell, Whitehead, and the "Vienna Circle." Special attention given to organizing contemporary philosophical thought by examining historically recurrent themes; considering perspectives such as existentialism, phenomenology, analytic philosophy, philosophies of language, and philosophies of liberation. Prerequisite: 0100-level philosophy course or equivalent.

PHIL 0217 PHILOSOPHY AND FILM (3) Study of film esthetics and concepts in selected movies and related intellectual movements, thinkers, or film-makers. Special emphasis on those informed by philosophical movements such as existentialism, Marxism, modernism, or postmodernism. Topics drawn from cinema dealing with ethics, social and political philosophies, religious themes, or modern metaphysics, with attention to film criticism written by 20th century thinkers with philosophical training and interests. Prerequisite: 0100-level philosophy course or equivalent.

PHIL 0300 SEMINAR IN PHILOSOPHY: (3) Intensive analysis of selected issues, problems, figures, or areas in philosophy. Prerequisite: 0200-level philosophy course or permission of instructor.

PHIL 0304 SEMINAR IN INFERENCE AND INQUIRY: (3) Intensive analysis of the structures of inference and modes of inquiry in the formal, empirical, or human sciences. Topics selected from the mathematical, physical, biological, and social sciences. Special attention given to the logical, methodological, and epistemological status of models, laws, paradigms, and theories. Prerequisite: 0200-level philosophy course or permission of instructor.

PHIL 0305 SEMINAR IN VALUE THEORY: (3) Intensive analysis of selected issues, problems, figures, or areas concerned with topics such as free choice, "right action," personal commitment, systems of values, and socio-cultural norms. Prerequisite: 0200-level philosophy course or permission of instructor.

PHIL 0306 SEMINAR IN RELIGIOUS STUDIES: (3) Intensive analysis of selected issues, problems, figures and areas within the history and in the philosophical consideration of religious belief. Prerequisite: 0200-level philosophy course or permission of instructor.

PHIL 0399 INDEPENDENT STUDY: (1 to 6 credits) Directed written or reading projects to be arranged by the student and instructor. Intensive analysis of student work. Prerequisite: advanced work in philosophy or other disciplines.

Physical Science

The Physical Science Department, located on the third floor of Wilson Hall, is a multidisciplinary department that offers courses in astronomy, chemistry, geology, physics, and science education. Majors complete programs leading to a Bachelor of Science degree in either Chemistry or General Science. The Chemistry Major is intended primarily for students who plan to teach high school chemistry, while the General Science Major is designed specifically for those intending to teach science at the elementary or middle school levels. While many of our graduates have pursued careers in K-12 education, others have gone on to attend graduate school or have found positions in industry.

The Physical Science Department oversees nine laboratories, each equipped with appropriate safety features. Laboratory equipment includes an 8-inch computer-controlled Schmidt-Cassegrain telescope (astronomy), infrared, ultraviolet, flame emission and atomic absorption spectrophotometers, gas and liquid chromatographs (chemistry), and computer-based data collection systems (physics). Some students, particularly those enrolled in the Chemistry Major, also have completed off-campus internships or cooperative education experiences, allowing them to work with other kinds of instrumentation.

CHEMISTRY MAJOR

The Chemistry Major provides students with a deep understanding of chemistry. It is designed for students planning to teach at the high school level and is also appropriate for those interested in pursuing other careers for which a strong chemistry background is required. Students planning to teach should also review the section on licensure requirements that follows the description of the General Science Minor.

REQUIREMENTS FOR THE CHEMISTRY MAJOR: 55-58 CREDITS

Required Foundation Courses: 24 credits

CHEM 0109	General Chemistry I	(4)
CHEM 0111	General Chemistry II	(4)
MATH 0105	Calculus I*	(4)
MATH 0106	Calculus II	(4)
PHSC 0125	Physics I	(4)
PHSC 0127	Physics II	(4)

Required Upper-Level Courses:30-33 credits

CHEM 0201	Organic Chemistry I	(4)
CHEM 0203	Organic Chemistry II	(4)
CHEM 0211	Advanced Inorganic Chemistry	(3)
CHEM 0305	Physical Chemistry I	(3)
CHEM 0307	Physical Chemistry II	(4)
CHEM 0311	Instrumental Analysis	(4)
CHEM 0315	Biochemistry with Lab	(4)
CHEM 0350	Theoretical or Experimental Research	(3)
CHEM 0389	Senior Seminar in Chemistry	(1)
GNSC 0239	Current Topics in Science Seminar	(1)

Students intending to seek teaching licensure must also complete GNSC 0330 (Science, Technology and Society) to meet the requirements of the National Science Teachers Association. The Department recommends that all others consider completing an applied experience through the University's co-operative education program or an internship in addition to the requirements listed above.

* A student who does not feel sufficiently prepared for calculus should take MATH 0104 (Precalculus) prior to enrolling in Calculus I.

CHEMISTRY MINOR

The Physical Science Department also offers a minor program in chemistry that is open to students in any major. This option is particularly appropriate for majors in biology, since the minor program requires only one additional course beyond those required for the Biology Major.

REQUIREMENTS FOR THE MINOR IN CHEMISTRY: 18-20 CREDITS

CHEM 0109	General Chemistry I	(4)
CHEM 0111	General Chemistry II	(4)

Three additional courses in chemistry, selected from the following list, with at least one of those courses to include a laboratory component:

CHEM 0201	Organic Chemistry I	(4)
CHEM 0203	Organic Chemistry II	(4)
CHEM 0211	Advanced Inorganic Chemistry	(3)
CHEM 0305	Physical Chemistry I	(3)
CHEM 0307	Physical Chemistry II	(4)
CHEM 0309	Analytical Chemistry	(4)
CHEM 0311	Instrumental Analysis	(4)
CHEM 0315	Biochemistry with Lab	(4)

GENERAL SCIENCE MAJOR

The General Science Major provides a solid grounding in the physical and biological sciences. While some of our General Science graduates have found work as laboratory technicians or have gone on to graduate school, this program is most appropriate for, and normally is recommended only to, those who are planning to teach at the K-8 level. Students in this major may choose either of two tracks, the first designed for those interested in teaching at the elementary school level, and the second intended for those interested in teaching general science at the middle school level. Students should choose the specific coursework sequence appropriate for the license they are planning to pursue.

REQUIREMENTS FOR THE GENERAL SCIENCE MAJOR

OPTION I - Elementary Licensure (1-6): 39 credits

Students choosing this option are expected to complete a second major in Elementary Education, and are encouraged to consider applying for General Science (1-6) licensure at the same time that they apply for Elementary (1-6) licensure.

Required Foundation Courses:26 credits

ASTR 0101	Astronomy	(3)
BIOL 0102	Environmental Biology	(4)
BIOL 0104	Human Biology	(4)
CHEM 0101	Introduction to Chemistry	(4)
GEOL 0101	Physical Geology With Laboratory	(4)
GEOL 0106	Historical Geology	(3)
PHSC 0101	Introduction to Physics	(4)

Required Upper-Level Courses: 13 credits

GARP 0230	Meteorology	(3)
GNSC 0239	Current Topics in Science Seminar	(1)
GNSC 0330	Science, Technology and Society	(3)
GNSC 0360	Methods of Science Education for PreK-6	(2)
GNSC 0383	Senior Seminar in General Science	(1)

Upper-Level Elective (3)
Students must select, in consultation with their advisor, an additional 3 credits of coursework in the physical sciences at the 0200-level or above. The department strongly recommends that this course be either ASTR 0349 (Integrated Physical Science:Astronomy) or GEOL 0347 (Integrated Physical Science:Geology).

OPTION II - Middle School Licensure in General Science (5-8):
51 credits

Students planning to teach should also review the section on licensure requirements that follows the description of the General Science Minor.

Required Foundation Course: 37 credits

ASTR 0101	Astronomy	(3)
BIOL 0128	Intro. to Organismal, Ecological, and Evolutionary Biology	(4)
BIOL 0129	Intro. to Molecular, Cellular, and Developmental Biology	(4)
CHEM 0109	General Chemistry I	(4)
CHEM 0111	General Chemistry II	(4)
GEOL 0101	Physical Geology With Laboratory	(4)
GEOL 0106	Historical Geology	(3)
MATH 0104	Precalculus	(3)
PHSC 0115	General Physics I	(4)
PHSC 0117	General Physics II	(4)

Required Upper-Level Courses: 14 credits

GARP 0230	Meteorology	(3)
GNSC 0239	Current Topics in Science Seminar	(1)
GNSC 0330	Science, Technology and Society	(3)
GNSC 0383	Senior Seminar in General Science	(1)
Upper-Level Electives		(6)

Students must select, in consultation with their advisor, two additional courses at the 200-level or above in the biological or physical sciences, with at least one of those courses from the Physical Science Department. The Department strongly recommends that those courses include ASTR 0349 (Integrated Physical Science:Astronomy) and/or GEOL 0347 (Integrated Physical Science:Geology).

GENERAL SCIENCE MINOR

The Physical Science Department offers a minor program in General Science that could also serve as a model for an area of concentration in "general science" for students majoring in Liberal Studies. To complete this minor students must take one introductory-level course in each of the four subject areas included within the program:biology, chemistry, earth and space sciences (astronomy or geology), and physics, with at least three of those courses including a laboratory component. In addition, a fifth course, which could be a substantially different introductory-level course in one of the four areas, or could be an upper-level course, is required. The Department recommends that students complete either ASTR 0349 (Integrated Physical Science:Astronomy) or GEOL 0347 (Integrated Physical Science:Geology) as the fifth course. Please note that those courses have prerequisites, including completion of the appropriate introductory-level course in the discipline and one semester each of college-level chemistry and physics. Students interested in this program are encouraged to consult with a faculty member in the Department of Physical Science about the courses they plan to use for the minor.

Although many substitutions are possible, the courses listed below would satisfy the minor requirements, and would be appropriate for students with a broad interest in the sciences:

ASTR 0101	Astronomy	(3)
BIOL 0102	Environmental Biology	(4)
CHEM 0101	Introduction to Chemistry	(4)
PHSC 0101	Introduction to Physics	(4)
ASTR 0349	Integrated Physical Science: Astronomy	(3)

Other sample programs that would meet the requirements of the General Science Minor include, but are not limited to:

A minor program appropriate for Biology majors:

BIOL 0128	Intro. to Organismal, Ecological, and Evolutionary Biology	(4)
CHEM 0109	General Chemistry I	(4)
CHEM 0111	General Chemistry II	(4)
GEOL 0106	Historical Geology	(3)
PHSC 0101	Introduction to Physics	(4)

A minor program appropriate for Computer Science or Mathematics majors:

ASTR 0101	Astronomy	(3)
BIOL 0106	Biology Today	(4)
CHEM 0101	Introduction to Chemistry	(4)
PHSC 0125	Physics I	(4)
PHSC 0127	Physics II	(4)

A minor program appropriate for Environmental Science majors:

BIOL 0128	Intro. to Organismal, Ecological, and Evolutionary Biology	(4)
CHEM 0109	General Chemistry I	(4)
CHEM 0111	General Chemistry II	(4)
GEOL 0101	Physical Geology with Laboratory	(4)
PHSC 0101	Introduction to Physics	(4)

REQUIREMENTS FOR CHEMISTRY OR GENERAL SCIENCE LICENSURE

Students hoping to be recommended to the Massachusetts Department of Education for Initial Licensure in Chemistry (8-12) or General Science (5-8) must satisfy the following requirements prior to practicum placement:

Completion of all courses required for the Chemistry or General Science (middle school option) Majors with a minimum GPA of 2.50 and no grade lower than a C- in those major courses.

Completion of the appropriate professional sequence of education courses for the Middle and Secondary Specialist (as noted in the Education Department section of this Bulletin), including the appropriate academic methods course:either GNSC 0373 (Methods of Chemistry Education) or GNSC 0371 (Methods of Science Education for the Middle School).

Achievement of a passing mark onboth the Communications and Literacy and appropriate subject matter portions of the Massachusetts Test for Educator Licensure (MTEL).

Students generally should attempt the Communications and Literacy portion of the MTEL during their first year, and the subject matter portion of the MTEL during the fall of their junior year.

Students typically are accepted for Advanced Standing in the Education Department's licensure programs as juniors, after they have passed the Communications and Literacy portion of the MTEL and have met all other requirements. In addition to on-campus work, the professional sequence also includes an extensive student teaching practicum, which usually is completed in the spring semester of the senior year. Please refer to the Education Department section of this Bulletin for specific requirements pertaining to (1) attaining Advanced Standing and (2) practicum placement.

Courses

Departmental courses have one of five prefixes: ASTR (astronomy), CHEM (chemistry), GNSC (general science, including interdisciplinary and science education courses), GEOL (geology), or PHSC (physics) and are grouped into those five categories in the listing below.

ASTRONOMY

ASTR 0101 ASTRONOMY (3) A broad introductory survey of astronomy that also provides students with an introduction to scientific methodology and the multifaceted interactions between science, technology, and society. Topics to be covered include the history of astronomy, basic observations of the night sky, the solar system, stars and stellar evolution, supernovae, pulsars, black holes, the Milky Way galaxy and other galaxies, cosmology, and the search for extra-terrestrial intelligence. Several optional observing sessions will be held on clear evenings.

ASTR 0105 THE SOLAR SYSTEM (3) The solar system is our "local neighborhood" in space – including the sun and everything that orbits around it: planets, dwarf planets (e.g. Pluto, Ceres, Eris), and smaller solar system bodies (including most asteroids and comets). This course will explore our evolving understanding of the solar system, from the recognition of some of its members by the ancient Greeks, through the telescopic discoveries of the past several centuries, to the much richer understanding provided by the space probes of the last few decades. Additional topics will include possible locations of the life elsewhere in the solar system and comparisons between our solar system and the xtrasolar planetary systems that have been discovered since the early 1990's.

ASTR 0121 LIFE IN THE UNIVERSE (3)The Universe contains billions of galaxies, each including billions of stars, and many of those stars might be orbited by a planet harboring life!With those kinds of numbers, many astronomers think it likely that there are other civilizations of intelligent beings elsewhere in the Universe. But if intelligence is common, why haven't we received unambiguous signals from any of them?This course will investigate the possibility of life elsewhere in the Universe, beginning with a look at life on Earth and the potential for life elsewhere in our solar system, then moving on to consider the more general requirements for life and how they might be met elsewhere. Topics will include the stellar synthesis of the elements necessary for life, recent discoveries of extrasolar planets, stellar and galactic habitability zones, possible modes of communication with other civilizations, and the potential for space travel.

ASTR 0239 SPECIAL TOPICS IN ASTRONOMY (1)Offers students a chance to pursue topics in astronomy at a level beyond that of the introductory survey courses. One or more topics will serve as a focus for the course each semester. May be repeated for credit with different topic. Prerequisite: ASTR 0101 or permission of instructor.

ASTR 0349 INTEGRATED PHYSICAL SCIENCE: ASTRONOMY (3) Examines current topics in astronomy, with an emphasis on the application of basic principles of chemistry and physics to those topics. Both conceptual and quantitative approaches to the subject will be explored. Topics may include comparative planetology, meteorites, tidal forces, stellar evolution, nucleosynthesis, extrasolar planets, dark matter, chemistry of the interstellar medium, galactic dynamics, or cosmology. Prerequisites: ASTR 0101 and one semester each of college-level chemistry and physics.

ASTR 0350 THEORETICAL OR EXPERIMENTAL REASEARCH (1-3)Involves independent work in astronomy, with the student performing an observational, experimental, or theoretical research project under the supervision of a faculty member. May be repeated for credit, but no more than 6 credits may be applied to the major. Prerequisite: Permission of instructor.

ASTR 0398 INTERNSHIP (2-15)Offers students the opportunity to explore employment opportunities in astronomy by completing a paid or unpaid internship in a business, non-profit organization, or governmental setting. Each credit of internship should correspond to approximately 40 hours of work. Students will be required to keep a log of their activities during the internship and to complete a reflective paper on their experience at its conclusion. Prerequisite: Junior or senior standing within the General Science major, or permission of the instructor.

ASTR 0399 INDEPENDENT STUDY (1-3) Independent study, under the supervision of a faculty member, in an area of astronomy beyond that covered by departmental courses. Prerequisite: permission of instructor.

CHEMISTRY COURSES

CHEM 0101 INTRODUCTION TO CHEMISTRY (4) This one-semester course introduces fundamental concepts of modern chemistry in the context of materials and processes that are familiar to students. Current issues and common observations will be used as a gateway to explore chemical principles on an atomic level. The impact of advances in chemistry on society will be investigated. Topics studied will include atomic and molecular structure, physical and chemical changes, acid-base chemistry, organic chemistry and biochemistry. The context in which these topics are discussed may include the chemical production of energy (electrical, solar, and nuclear), food chemistry, environmental chemistry (acid rain and global warming) and the use of chemistry in solving crimes (forensic chemistry). Three hours lecture, two hours laboratory per week.

CHEM 0103 CHEMISTRY OF THE LIFE SCIENCES (4) Provides an understanding of the chemistry of living systems. The course will build from a discussion of basic chemical principles including measurements, nuclear chemistry, atomic and molecular structure, nomenclature, solution chemistry, stoichiometry, gas laws, and acid/base theory. These concepts will then be applied to the study of organic chemistry and biochemistry. Topics will be related to environmental and societal issues when appropriate. Laboratory work is designed to enhance the understanding of fundamental concepts at the practical level. Three hours lecture, one hour discussion, two hours laboratory per week.

CHEM 0109 GENERAL CHEMISTRY I (4) A broad look at the fundamental concepts of modern chemistry including the mole concept, stoichiometry, thermochemistry, the periodic law, atomic structure, chemical bonding, and gas phase chemistry. Topics will be related to ethical issues, societal impact, and human behavior when appropriate. Three hours lecture, three hours laboratory per week.

CHEM 0111 GENERAL CHEMISTRY II (4) A continuation of General Chemistry I. The topics covered include solid, liquid, and solution chemistry; chemical equilibrium; chemical kinetics and chemical reactions; acid-base theory; electrochemistry; nuclear chemistry; and selected topics. Topics will be related to ethical issues, societal impact, and human behavior when appropriate. Three hours lecture, three hours laboratory per week. Prerequisite: CHEM 0109.

CHEM 0201 ORGANIC CHEMISTRY I (4) The chemistry of carbon is explored. The semester begins with a look at the bonding models and nomenclature used to describe carbon-based molecules. A mechanistic approach to the chemistry of alkenes, alkynes, and dienes is used to provide a context for chemical concepts such as nucleophilicity, electrophilicity, stereochemistry, and resonance. Additionally, the role that kinetics and thermodynamics play in determining product distribution is also considered. Students are required to attend the accompanying laboratory, where they will learn how to safely perform many of the chemical transformations discussed in class. Three hours lecture, three hours laboratory per week. Prerequisite: CHEM 0111.

CHEM 0203ORGANIC CHEMISTRY II (4) A continuation of Organic Chemistry I, where the concepts of nucleophilicity, electrophilicity, stereochemistry, and resonance are applied to a variety of organic transformations: substitutions, eliminations, additions, and condensations. In addition to studying the chemistry of carbon-based molecules, time will be devoted to the discussion of analytical techniques - mass spectrometry, infrared spectroscopy, and NMR spectroscopy for example – that are used to examine organic molecules. Where appropriate, biological examples will be used to illustrate the course material. Students are required to attend the accompanying laboratory, where they will learn how to safely perform many of the chemical transformations discussed in class. Three hours lecture, three hours laboratory per week. Prerequisite: CHEM 0201.

CHEM 0211 ADVANCED INORGANIC CHEMISTRY (3) Fundamental principles of inorganic chemistry will be discussed. Topics will include nucleogenesis, bonding theory, molecular symmetry and its relationship to vibrational spectroscopy, and electronic structure and its relationship to electromagnetic spectroscopy. Where appropriate, emphasis will be placed on the mechanisms of reactions and the relationship between structure and reactivity. Time permitting, this class may also examine additional topics, for example, the role that inorganic compounds play in biochemistry (bioinorganic chemistry), or the formation of covalent bonds in metal-carbon compounds (organometallic chemistry). Prerequisite: CHEM 0111.

CHEM 0305 PHYSICAL CHEMISTRY I (3) Investigates the structure and properties of matter. The course involves detailed studies of the gas laws, kinetic-molecular theory, thermodynamics, thermochemistry, physical and chemical equilibria, and chemical kinetics. Prerequisites: CHEM 0111, MATH 0106 and PHSC 0127.

CHEM 0307 PHYSICAL CHEMISTRY II (4) A continuation of Physical Chemistry I and the investigation of the physical properties of matter. Topics to be covered will be drawn from quantum theory, spectroscopy and statistical mechanics. Three hours lecture, three hours laboratory per week. Prerequisite: CHEM 0305.

CHEM 0309 ANALYTICAL CHEMISTRY (4) Consists of lectures, discussions, and laboratory work, covering the fundamentals of analysis. Study includes gravimetric analysis, volumetric analysis, and the statistical treatment of data. A main aspect of lecture will be the application of equilibrium to acid-base, precipitation, redox, and complex formation reactions. An important objective of the laboratory is the development of good laboratory technique. Three hours lecture, three hours laboratory per week. Prerequisite: CHEM 0111.

CHEM 0311 INSTRUMENTAL ANALYSIS (4) Consists of lectures, discussions, and laboratory work covering the fundamentals of analysis. Emphasis will be on modern techniques of instrumental analysis, including electrochemical, spectroscopic, and chromatographic methods. The laboratory includes an introduction to the use of instrumentation such as ultraviolet/visible spectrometers, atomic absorption spectrometers, gas chromatographs and liquid chromatographs. Three hours lecture, three hours laboratory per week. Prerequisite: CHEM 0111.

CHEM 0313 BIOCHEMISTRY (3) A course for science majors that combines lecture and discussion to explore the fundamentals of biochemistry. Major topics are protein structure and function, enzyme kinetics and mechanism, and the energetics, intermediates and products of major metabolic pathways. Emphasis will be placed on fundamental concepts such as intermolecular interactions, enzyme catalysis and regulation. The course relies on a solid foundation in general and organic chemistry. Student may receive credit for either CHEM 0315 or CHEM 0313, but no for both. Prerequisite: CHEM 0201.

CHEM 0315 BIOCHEMISTRY WITH LAB (4) A course for science majors that combines lecture and discussion to explore the fundamentals of biochemistry. Major topics are protein structure and function, enzyme kinetics and mechanism, and the energetics, intermediates and products of major metabolic pathways. Emphasis will be placed on fundamental concepts such as intermolecular interactions, enzyme catalysis and regulation. The course relies on a solid foundation in general and organic chemistry. Student may receive credit for either CHEM 0315 or CHEM 0313, but no for both. Prerequisite: CHEM 0201.

CHEM 0350 THEORETICAL OR EXPERIMENTAL RESEARCH (1-3)Involves independent work in chemistry, with the student performing an experimental or theoretical research project under the supervision of a faculty member. May be repeated for credit, but no more than 6 credits may be applied to the major. Prerequisite: permission of instructor.

CHEM 0389 SENIOR SEMINAR IN CHEMISTRY (1) Provides students with an opportunity to reflect on and document their growth during their college program. Students will discuss the Department's objectives for the program, evaluate their progress toward achievement of those objectives, and produce a portfolio demonstrating their own development and skills. The portfolio will also serve as a resource for their pursuit of professional positions. Prerequisite: senior standing within the Chemistry Major.

CHEM 0398 INTERNSHIP (2-15) Offers students the opportunity to explore employment opportunities in chemistry by completing a paid or unpaid internship in a business, non-profit organization, or governmental setting. Each credit of internship should correspond to approximately 40 hours of work. Students will be required to keep a log of their activities during the internship and to complete a reflective paper on their experience at its conclusion. Prerequisite:Junior or senior standing within either the Chemistry or General Science majors, or permission of the instructor.

CHEM 0399 INDEPENDENT STUDY (1-3) Independent study, under the supervision of a faculty member, in an area of chemistry beyond that covered by departmental courses. Prerequisite:permission of instructor.

GENERAL SCIENCE COURSES

GNSC 0101 PHYSICAL SCIENCE (4) Includes the basic concepts of physics, chemistry, earth-space science, and the application of scientific methodology to these areas. Topics may include mechanics, heat, sound, light, electricity, magnetism, atomic structure, chemical bonding, plate tectonics, the cycles of the Earth, and astronomy. The relationships of these concepts to societal issues are discussed. Three hours lecture, two hours laboratory per week.

GNSC 0239 CURRENT TOPICS IN SCIENCE SEMINAR (1) Students will read and discuss articles from the semi-popular scientific press (e.g. American Scientist, Discover, Geotimes, Natural History, Scientific American) related to topics of current interest in the physical sciences. Each registered student will make at least one presentation of an article and will lead the discussion that follows. Departmental faculty and one or two speakers from outside the Westfield State University community will be invited to speak each semester. May be repeated for credit, but only 1 credit may be applied toward the General Science major requirements. Prerequisite:Sophomore, junior or senior standing in either the Chemistry or General Science majors (i.e. 8 or more credits in the physical sciences), or permission of the instructor.

GNSC 0330 SCIENCE, TECHNOLOGY AND SOCIETY (3) A broad survey of the history of science, the interplay between scientific and technological advances, and the impacts of science and technology on society. The course will include an in-depth look at the scientific and technological aspects of issues such as the rapid growth of information technology, twenty-first century transportation, energy and mineral resources (including the environmental problems associated with energy usage), the development of military weapons systems, and the exploration and colonization of the solar system. Prerequisites: GEOL 0101 or GEOL 0102 or CHEM 0101 or PHSC 0101; or permission of instructor.

GNSC 0360 METHODS OF SCIENCE EDUCATION FOR PREK-6 (2) An activity-based format will be used to create a learning environment that fosters an exploration of the processes of science, and ways of integrating elementary instruction in the sciences and mathematics. Emphasis will be placed on the role and use of manipulatives in a laboratory setting that encourages the development of fundamental concepts in both disciplines. Topics may include: scientific inquiry and science process skills, cognitive development theory, the learning cycle, discussion of innovative programs that integrate mathematics and the sciences, state and national frameworks, and techniques for assessment. Three contact hours per week, including substantial laboratory/activity time. Prerequisites: MATH 0250 and science courses required for early childhood, elementary, or special education licensure, or permission of the instructor.

GNSC 0371 METHODS OF SCIENCE EDUCATION FOR THE MIDDLE SCHOOL (3) This course emphasizes the inquiry approach to teaching science. Students will be introduced to the National Science Education Standards and the current curricula based on those standards. Students will make a series of planned observations, totaling 30 hours, in area schools. These observations will be the basis for discussion of topics including: teacher-student interaction; introduction, presentation, and summary of a lesson; evaluation; discipline; laboratory procedures; and safety. Students also will present lessons to both their classmates and to one of the classes that they have observed. Other areas presented in this course will include professional organizations and journals, science software, audiovisual materials, and IEP's. Prerequisites:EDUC 0352 or EDUC 0354, and CHEM 0111, and PHSC 0117, and either BIOL 0128 or BIOL 0129, and one of ASTR 0101 or GEOL 0101 or GEL 0106.

GNSC 0373 METHODS OF CHEMISTRY EDUCATION (3) This course emphasizes the inquiry approach to teaching chemistry. Students will be introduced to the chemistry programs developed by the National Science Foundation and the current curricula based on those programs. Students will make a series of planned observations, totaling 30 hours, in area schools. These observations will be the basis for discussion of topics including evaluation, discipline, laboratory procedures, and safety. Students also will present lessons to both their classmates and to one of the classes that they have observed. Other areas presented in this course will include professional organizations and journals, chemistry software, audiovisual materials, and IEP's. Prerequisites: EDUC 0353 or EDUC 0354 and CHEM 0203, or permission of the instructor.

GNSC 0383 SENIOR SEMINAR IN GENERAL SCIENCE (1) Provides students with an opportunity to reflect on and document their growth during their college program. Students will discuss the Department's objectives for the program, evaluate their progress toward achievement of those objectives, and produce a portfolio demonstrating their own development and skills. The portfolio will also serve as a resource for their pursuit of professional positions. Prerequisite: senior standing within the General Science Major.

GNSC 0398 INTERNSHIP (2-15) Offers students the opportunity to explore employment opportunities in the sciences by completing a paid or unpaid internship in a business, non-profit organization, or governmental setting. Each credit of internship should correspond to approximately 40 hours of work. Students will be required to keep a log of their activities during the internship and to complete a reflective paper on their experience at its conclusion. Prerequisite:Junior or senior standing within either the General Science or Chemistry majors, or permission of the instructor.

GNSC 0399 INDEPENDENT STUDY (1-3) Independent study, under the supervision of a faculty member, on an interdisciplinary topic in the sciences or in an area of science education beyond that covered by departmental courses. Prerequisite:permission of instructor.

GEOLOGY

GEOL 0101 PHYSICAL GEOLOGY WITH LABORATORY (4) A broad introductory survey of geology that focuses on the role of plate tectonic theory in providing a fundamental understanding of the Earth as a global system. The course also provides students with an introduction to scientific methodology and to the multifaceted interactions between science, technology and society. Topics to be covered include the minerals and rocks that make up the Earth's crust, the processes of weathering and erosion that shape the Earth's surface, the internal structure of the Earth, geological hazards, and energy and mineral resources. The laboratory portion of the course provides a "hands-on" introduction to the practical aspects of physical geology, including the identification of minerals and rocks, the interpretation of topographic and geologic maps, and the development of landforms. The course includes several field trips that involve additional time commitments (on weekends or beyond the normal ending time for the laboratory). Students may receive credit for either GEOL 0101 or GEOL 0102, but not for both. Three hours lecture, two hours laboratory per week.

GEOL 0102 PHYSICAL GEOLOGY (3) A broad introductory survey of geology that focuses on the role of plate tectonic theory in providing a fundamental understanding of the Earth as a global system. The course also provides students with an introduction to scientific methodology and to the multifaceted interactions between science, technology and society. Topics to be covered include the minerals and rocks that make up the Earth's crust, the processes of weathering and erosion that shape the Earth's surface, the internal structure of the Earth, geological hazards, and energy and mineral resources. Students may receive credit for either GEOL 0101 or GEOL 0102, but not for both.

GEOL 0106 HISTORICAL GEOLOGY (3) A survey of Earth history (with an emphasis on North America) and on the scientific principles on which that history has been based. The course also provides students with an introduction to scientific methodology and the multifaceted interactions between science, technology, and society. Topics to be covered include the interpretation of sedimentary rock sequences in terms of depositional environments, the history of life on earth as inferred from the fossil record, and a synthesis of Earth history in terms of plate tectonics.

GEOL 0108 GENERAL OCEANOGRAPHY (3) A broad introductory survey of oceanography with a focus on modern geological and chemical oceanography. The course provides a comprehensive exposure to the scientific methods in an interdisciplinary format, including topics from biology, chemistry, geology, and physics. The course will also expose students to the current state of scientific knowledge in the field of oceanography, management of natural resources, and technological and societal implications. Topics include earth history, plate tectonics, geophysics, geochemistry, marine sediments, the hydrosphere, physical properties of salt water, seawater chemistry, ocean-atmosphere interactions, coastal processes, marine biology, human impact, and management of natural ocean resources. The course may include weekend (one day) optional field trip to nearby coast regions.

GEOL 0124 GEOLOGIC HAZARDS (3)The Earth is a dynamic planet, whose surface is constantly being modified by the internal processes associated with plate tectonics and by the external processes associated with the hydrologic cycle. Those processes make the Earth an interesting, but sometimes dangerous place to live. This course will explore the factors that shape the Earth's surface by investigating the potential hazards associated with those processes (including volcanic eruptions, earthquakes, tsunamis, landslides, floods, and climate change) and human attempts to predict, prepare for and respond to such events.

GEOL 0211 GEOLOGY IN THE FIELD: SELECTED LOCATIONS (3) This course will use lectures, multimedia, and readings to introduce students to the geology of a specific geographic region (e.g. the American Southwest, New England, Iceland) and will also include a 10-14 day field trip to the region to examine its geological and related environmental and cultural features firsthand. Field trips will generally be scheduled in late May, and will involve additional travel costs. The class will meet for one 75-minute period per week during the semester, with the field trip constituting the remainder of class time. This course may be repeated for credit provided that the focus is on a different region. Prerequisite: GEOL 0101 or GEOL 0102 or GEOL 0106, and permission of the instructor.

GEOL 0239 SPECIAL TOPICS IN GEOLOGY (1) Offers students a chance to pursue topics in geology at a level beyond that of the introductory survey courses. One or more topics will serve as a focus for the course each semester. May be repeated for credit with different topic. Prerequisite:GEOL 0101 or GEOL 0106 or permission of instructor.

GEOL 0347 INTEGRATED PHYSICAL SCIENCE: GEOLOGY (3) Examines current topics in geology, with an emphasis on the application of basic principles of chemistry and physics to those topics. Both conceptual and quantitative approaches to the subject will be explored. Topics may include seismology, radioactive dating, paleoclimatology, environmental geochemistry, Earth's magnetic field, energy resources, the Cambrian explosion, mass extinctions, glaciology, or geomorphology. Prerequisites: GEOL 0101 and one semester each of college-level chemistry and physics.

GEOL 0398 INTERNSHIP (2-15) Offers students the opportunity to explore employment opportunities in geology by completing a paid or unpaid internship in a business, non-profit organization, or governmental setting. Each credit of internship should correspond to approximately 40 hours of work. Students will be required to keep a log of their activities during the internship and to complete a reflective paper on their experience at its conclusion. Prerequisite:Junior or senior standing within the General Science major, or permission of the instructor.

GEOL 0399 INDEPENDENT STUDY (1-3) Independent study, under the supervision of a faculty member, in an area of geology beyond that covered by departmental courses. Prerequisite:permission of instructor.

PHYSICS

PHSC 0101 INTRODUCTION TO PHYSICS (4) A largely non-mathematical introduction to the methodology and content of physics, and to the multifaceted interactions between science, technology and society. Topics from both classical and modern physics will be introduced, including Newton's laws of motion, thermodynamics, sound, light, electricity, magnetism, special relativity, and quantum mechanics. Links between physics, biology, geology, astronomy and technology will be explored. Laboratory work is an integral part of the course and emphasizes a discovery approach. Three hours lecture, two hours laboratory per week.

PHSC 0103 ENERGY, ENVIRONMENT AND SOCIETY (3) Understanding the concept of energy is fundamental to an understanding of science. The conservation of energy across all of its forms is one of the strongest and most profound statements science makes. This course will develop the concept of energy and then use it to consider a variety of topics ranging from the generation of energy to the impact of en-

ergy generation on the environment. The course also provides students with an introduction to scientific methodology and the multifaceted interactions between science, technology and society. Additional topics may include the energetics of chemical processes, energy in biological systems, green energy and energy conservation.

PHSC 0115 GENERAL PHYSICS I (4) Newtonian mechanics is the dominant theme of General Physics I. Motion is explored and described graphically using inquiry-based, real-time data collection with computer-based probes. This kinematic description of motion is then connected to a dynamic description through Newton's laws and the forces causing the motion. Conservation laws, energy, momentum, collisions, and rotational motion are also considered. Material is explored using a student-centered, inquiry approach melding laboratory and more traditional approaches. Three longer activities emphasizing experimental design and data collection are undertaken across the semester in addition to the daily explorations. Mathematical prerequisites are high school algebra and trigonometry. The concepts of slope and area under the curve are used throughout the course, but formal calculus is not required. Three two-hour meetings per week.

PHSC 0117 GENERAL PHYSICS II (4) A continuation of General Physics I (algebra-based physics). The major topic for the second semester is classical electromagnetism. Topics to be covered include Coulomb's Law, electric potentials, electric and magnetic fields, electromagnetic induction, simple AC and DC circuits and an introduction to optics. Additional topics may include thermodynamics, an introduction to special relativity, and/or an introduction to quantum mechanics. Three hours lecture, one hour discussion, and two hours laboratory per week. Prerequisite: PHSC 0115.

PHSC 0125 PHYSICS I (4) A calculus-based introduction to physics. Classical mechanics forms the core of the course. Topics to be covered include kinematics and dynamics of motion in one, two, and three dimensions, work, energy, conservation laws, rotational motion, static equilibrium, gravitation, and thermodynamics. The use of elementary calculus to solve problems involving trajectories, work, and one-dimensional potentials will be stressed. Three hours lecture, one hour discussion, and two hours of laboratory work per week. Prerequisite: MATH 0105 or concurrent registration.

PHSC 0127 PHYSICS II (4) A continuation of Physics I (calculus-based physics). The major topic for the second semester is classical electromagnetism. Topics to be covered include Coulomb's Law, Gauss' Law, electric potentials, electric and magnetic fields, electromagnetic induction, simple AC and DC circuits, and Maxwell's equations. Additional topics may include introductions to optics, special relativity, and/or quantum mechanics. Mathematically, this course introduces students to applications of the integral calculus in solving simple two and three-dimensional potential problems. Three hours lecture, one hour discussion, and two hours of laboratory work per week. Prerequisites: PHSC 0125 and MATH 0106 or concurrent registration.

PHSC 0220 SURVEY OF MODERN PHYSICS (3) A survey of the main developments in physics since 1900. Topics to be covered include relativity, old quantum theory, elementary quantum mechanics, wave-particle duality, and atomic physics; additional topics may include solid-state physics, nuclear physics, and particle physics. Prerequisites: MATH 0106 and either PHSC 0117 or PHSC 0127.

PHSC 0398 INTERNSHIP (2-15) Offers students the opportunity to explore employment opportunities in physics by completing a paid or unpaid internship in a business, non-profit organization, or governmental setting. Each credit of internship should correspond to approximately 40 hours of work. Students will be required to keep a log of their activities during the internship and to complete a reflective paper on their experience at its conclusion. Prerequisite:Junior or senior standing within the General Science major, or permission of the instructor.

PHSC 0399 INDEPENDENT STUDY (1-3)Independent study, under the supervision of a faculty member, in an area of physics beyond that covered by departmental courses. Prerequisite: permission of instructor.

Political Science

Political scientists learn to think critically and analytically and to apply a broad understanding of the nature of politics to the important questions of our time. A major in Political Science prepares students for careers in government, politics, law, and a wide range of other professional and managerial positions. It also provides students with the skills necessary to succeed in graduate or professional school, as well as enhancing their capabilities as citizens.

The Department of Political Science offers five areas of concentration: American Politics, Public Administration, Law, International Studies, and Political Studies. The internship program, a key element in the department's offerings, features placements of 3-6 credits locally, in Boston, and in other locations across the state, and placements of 9-12 credits in Washington, D.C. The department hosts three active clubs: the Political Science Club, the Law Club, and the International Relations Club which participates in three model United Nations competitions each Spring. The department also sponsors a local chapter of the national honor society in Political Science, Pi Sigma Alpha.

REQUIREMENT FOR THE POLITICAL SCIENCE MAJOR - 36 CREDITS

REQUIRED MAJOR CORE – 9 Credits

Required Courses

POLS 0101 American National Government	(3)
POLS 0206 Political Analysis	(3)

One of the following political theory courses

POLS 0215 American Political Thought	(3)
POLS 0301 Classical Political Thought	(3)
POLS 0302 Modern Political Thought	(3)
POLS 0335 Feminist Political Thought	(3)
POLS 0340 Politics and "The Family"	(3)

REQUIRED MAJOR CONCENTRATION - 12-18 Credits

12 credits in one of the Political Science concentrations.18 credits for students pursuing Law interdisciplinary option or International Studies interdisciplinary option.

REQUIRED ELECTIVES - 9 -15 Credits

15 credits of additional political science course work.9 credits of additional political science coursework for students pursuing the Law interdisciplinary option or International Studies interdisciplinary option.

For Selected Topics courses (POLS 0323) to count toward the field of concentration, the courses must be within that field.

Students transferring from another college must complete a minimum of 18 credits in Political Science at Westfield State University.

The Department of Political Science encourages students to participate in internships. Students may apply up to 6 credits of internship toward the 36-credit major, 3 of which may be applied to the field of concentration. Up to 3 credits of internship may be applied toward the 18-credit minor. For details, see the department internship manual on the web page or pick up a copy in the department.

MAJOR CONCENTRATIONS

All Political Science majors are required to complete one of the following concentrations.

American Politics - Courses relevant to those seeking to be engaged in the civic life of the United States or seeking change through the democratic process (12 credits; choose 4, at least 2 at the 300-level).

POLS 0103 State and Local Government	(3)
POLS 0204 Introduction to Public Administration	(3)
POLS 0205 Metropolitan Politics	(3)
POLS 0215 American Political Thought	(3)
POLS 0306 Political Change in the U. S.	(3)
POLS 0307 Presidency and Congress: Political Dynamics	(3)
POLS 0320 Politics of Budget-Making	(3)
POLS 0321 American Public Policy	(3)
POLS 0323 Selected Topics	(3)
POLS 0397 Internship	(3)
POLS 0398 Washington D.C. Internship	(3)
POLS 0399 Independent Study	(3)

Public Administration - Courses providing necessary academic and technical expertise for professions in the public sector and graduate study in public administration (12 credits; choose 4).

POLS 0103 State and Local Government	(3)
POLS 0204 Introduction to Public Administration	(3)
POLS 0205 Metropolitan Politics	(3)
POLS 0318 Public Management Skills	(3)
POLS 0320 Politics of Budget-Making	(3)
POLS 0321 American Public Policy	(3)
POLS 0323 Selected Topics	(3)
POLS 0327 Administrative Law	(3)
POLS 0397 Internship	(3)
POLS 0398 Washington Internship	(3)
POLS 0399 Independent Study	(3)

Law -Courses for students interested in preparing for law school and related legal careers, as well as graduate study in Political Science with a focus on public law (12 credits; choose 4).

POLS 0105 Law, Courts and Politics	(3)
POLS 0208 Constitutional Law	(3)
POLS 0212 U. S. Supreme Court	(3)
POLS 0220 International Law and Human Rights	(3)
POLS 0327 Administrative Law	(3)
POLS 0309 Civil Liberties	(3)
POLS 0323 Selected Topics	(3)
POLS 0397 Internship	(3)
POLS 0398 Washington Internship	(3)
POLS 0399 Independent Study	(3)

LAW, Interdisciplinary OPTION- In addition to the 4 required courses under the Law concentration, choose two additional courses (6 credits) from the list below.

PHIL 0103 Symbolic Logic	(3)
CRJU 0302 Criminal Law	(3)
CRJU 0308 Rights of the Convicted	(3)
CRJU 0320 Criminal Procedure: Fourth Amendment Rights of the Accused	(3)
CRJU 0321 Criminal Procedure: Fifth and Sixth Amendment	(3)
BIOL 0233 Environmental Legislation	(3)
MGMT 0241 Business Law	(3)
COMM 0307 Communication Law	(3)

SOCI 0330 Sociology of Law (3)
GARP 0225 Legal Issues in Zoning and Planning (3)
HIST 0351 U. S. Constitutional History (3)

International Studies - Courses examining cultures, societies, political systems and economies of the world, in their diversity and independence (12 credits; POLS 0209 and 3 additional courses).

Required
POLS 0209 International Relations (3)
Choose 3
POLS 0210 Comparative European Government (3)
POLS 0211 Comparative Foreign Policy* (3)
POLS 0220 International Law and Human Rights (3)
POLS 0224 Politics of Developing Countries (3)
POLS 0230 Asian Politics (3)
POLS 0231 Latin American Politics (3)
POLS 0305 American Foreign Policy (3)
POLS 0323 Special Topics (3)
POLS 0397 Political Internship (3)
POLS 0399 Independent Study (3)

International Studies, INTERDISCIPLINARY OPTION - In addition to the 4 required courses under International Studies, choose two courses (6 credits) from the list below (other advanced language courses may be substituted with permission of the department chair.)

CRJU 0335 Comparative Criminal Justice Systems (3)
ECON 0303 Economics of Development (3)
ECON 0318 International Economics (3)
GARP 0217 Global Issues of the Future (3)
HIST 0277 Latin America Since 1800 (3)
LFRE 0305 Speaking and Writing French: Advanced (3)
LSPA 0315 Speaking and Writing Spanish: Advanced (3)
COMM 0213 World Cinema/Global Film (3)
COMM 0306 International Communication (3)
SOCI 0200 Cultural Anthropology (3)
EGST 0220 Religion, Gender & Society (3)

Political Studies - Courses examine the broad philosophical and practical understanding of politics in the U. S. and abroad, and apply these to contemporary political issues. Prepares students for teaching and graduate study in Political Science (12 credits; choose 4, at least 2 at the 300-level).

At least one course selected from the following:
POLS 0209 International Relations (3)
POLS 0210 Comparative European Government (3)
POLS 0224 Politics of Developing Countries (3)

At least one course selected from the following:
POLS 0305 American Foreign Policy (3)
POLS 0321 American Public Policy (3)

At least one course selected from the following:
POLS 0301 Classical Political Thought (3)
POLS 0302 Modern Political Thought (3)
POLS 0335 Feminist Political Thought (3)

Additional Options:
POLS 0323 Selected Topics (3)
POLS 0397 Political Science Internship *(3)
POLS 0398 Washington D.C. Internship (3)
POLS 0399 Independent Study (3)

* Comparative Foreign Policy may be taken only with permission of the instructor and taken only one time for the field of concentration. However, it may be taken three times for the major and a fourth time for college elective credit, as the course will focus on different countries.

*Washington Center Internships are offered for up to 15 credits. Students may apply 6 credits to the major, 9 credits if they also enroll in a political science course offered by the Washington Center.

REQUIREMENTS FOR THE POLITICAL SCIENCE MINOR

18 credits in POLS coursework, at least 6 credits in residence at Westfield State University.

Courses

POLS 0101 AMERICAN NATIONAL GOVERNMENT (3) Fundamental course dealing with the Constitution, Congress, President, Supreme Court, and political party systems of the American national government.

POLS 0103 STATE AND LOCAL GOVERNMENT (3) Fundamental course dealing with the powers, organization, functions and intergovernmental relations of the state, county, municipal and other local governments.

POLS 0105 LAW, COURTS AND POLITICS (3) An introductory study of the way courts in the U.S. influence political and social policies. Topics include the judicial process, judicial decision-making, and court rulings in such controversial areas as abortion, affirmative action, school desegregation, capital punishment, gender discrimination, rights to sexual privacy, rights of the disabled, and voting rights.

POLS 0204 INTRODUCTION TO PUBLIC ADMINISTRATION (3) Examines the practice, as well as the theory, of public administration. The roles of politicians, political appointees, civil servants, consultants, and non-profit organizations contracting with the government are examines, in order to foster an understanding of how government should, and how it actually does, operate. Examination and discussion of current issues are used as illustration.

POLS 0205 METROPOLITAN POLITICS (3)Studies the politics of metropolitan areas, including central cities and their surrounding governments. Current politics and issues are placed in their historical context in order to foster understanding of, if not solutions to, perennial problems.

POLS 0206 POLITICAL ANALYSIS (3) Quantitative and qualitative approach to understanding how theory is constructed. Political thought and action and its relation to normative and empirical studies found in the following disciplines: Philosophy, Sociology, Economics, and Science. Emphasis on how political theory and analysis deals critically with social change through the mediation of structural functional and conflict models of change.

POLS 0208CONTISTUTIONAL LAW (3)Examination of the constitutional powers of Congress, the President and the federal judiciary, and the relationship of the national government to the state governments, as defined by the text of the Constitution and Supreme Court decisions. Topics include the war power of the President, the expansion of the powers of the national government under the commerce clause, the Court's assertation of judicial review, and the regulatory and eminent domain powers of the state governments.(Formerly POLS 0308)

OLS 0209 INTERNATIONAL RELATIONS (3) An examination of overeignty - a key concept in international relations. The course will ocus on the emergence of sovereignty in the long sixteenth century and s sources in economics, ideology, military technology and personality. he same sources will be analyzed in their present form to prognosti- ate about the continuity of and basic challenges to sovereignty today. he final portion of the course will look at the various international heories of international relations from the viewpoints of realism, plu- alism and class conflict theories and their protections of sovereignty in he future. Theories will be related to ongoing conflicts in international elations.

OLS 0210 COMPARATIVE EUROPEAN GOVERNMENT (3) A tudy of the politics of Britain, France, Germany and Italy utilizing alue historical, institutional and public policy approaches. The first hird of the course will focus upon the specific political cultures of these ountries and their contemporary ideological conflicts. The second hird will emphasize their parliamentary systems and electoral voting ystems. The third section of the course will discuss the specific public olicy processes in each country and the impact of the European Union n their public policy formulations.

OLS 0211 COMPARATIVE FOREIGN POLICY (3) The nation-state nd its power relationships with other states and international or- anizations, regional and global. A theoretical study of the cultural, cological, economic, institutional, and personality influences on the oreign policy of particular countries. The country studied will change om semester to semester. Students may therefore enroll for the course ore than once and up to 3 times for major credit. Prerequisite: POLS 01. Permission of Instructor Required.

OLS 0212 THE U.S. SUPREME COURT (3)Examines the institution f the Supreme Court and its role in the governmental system, with special focus on its internal decision-making process, the behavior f the justices individually and collectively, the influence of ideology n the justices, presidential selection of Supreme Court justices, media overage of the Court, and the impact of the Court on public policy.

OLS 0215 AMERICAN POLITICAL THOUGHT (3)Explores the rigin and development of political ideas and practices in the United ates from the seventeenth century to the present, with emphasis on eir influence on the present. Places American political thought in the ontext of western political thought, and traces the tensions that have isted within it including between the individual and community, lib- ty and equality, liberalism and democracy, theory and practice. Other emes include rights, justice, legitimacy, and power.

OLS 0220 INTERNATIONAL LAW AND HUMAN RIGHTS (3) his course focuses on the evolution of human rights norms/standards at helped create the international criminal court. It examines ma- r wars and ethnic conflicts in recent history and concerted responses tended to avoid the recurrence of egregious human rights abuses/ olations. This course pays special attention to institutional efforts at gave rise to international law/agreement and supranational orga- zations. Major cases to be discussed may include World War I, the olocaust, Japanese atrocities in Asia, The Balkan War, Rwonda, and arfur.

POLS 0224 POLITICS OF DEVELOPING COUNTRIES (3)Introduction to the political processes of change and development in developing nations. Survey of classical and contemporary theories of political and economic development ranging from neoclassical to structural to recent endogenous growth theories. Focuses on institutions and governance as conditions for growth and development. Examines the relationship between political and economic change in selected countries as well as global patterns. (formerly POLS 0324)

POLS 0230 ASIAN POLITICS (3) Examines economic development and democratization in major Asian countries. Course focuses on East Asian industrialization as well as on the process of political liberalization in the region during the cold war. Major topics of discussion may also include communist China's political, economic reform in the 1980's and its emergence as an economic, military power in the new millennium, North Korea's nuclear programs, China and terrorism, and other challenges America faces in Asia.

POLS 0231 LATIN AMERICAN POLITICS (3) Focuses on political developments in Latin American countries over the past several decades. It examines military rule and human rights in the context of U.S. foreign policy. This course also looks in some "backlashes" against American foreign policy, for example in Cuba and Venezuela. The course concludes with discussion about democratization and efforts to come to terms with the past.

POLS 301 CLASSICAL POLITICAL THOUGHT (3) Considers some of the principal texts and themes in the political thought of the ancient Greeks, beginning with the emergence of political discourse in Greek tragedy and continuing with Plato and Aristotle, the two foundational theorists of the western tradition. The course focuses on the theoretical ideas and questions suggested by the texts, and how they have influenced contemporary notions of justice, knowledge, political community, public and private, masculine and feminize, and power.

POLS 0302 MODERN POLITICAL THOUGHT (3) Considers some of the principal texts and themes in western political thought from the sixteenth to the nineteenth century. The course focuses on the theoretical ideas and questions suggested by the texts, and how they have directly influenced contemporary notions of such concepts as liberty, equality, consent, human nature, community, the individual and the state. Selected theorists may include Machiavelli, Hobbes, Locke, Rousseau, Wollstonecraft, Tocqueville, Marx, Nietzsche, and Freud.

POLS 0305 AMERICAN FOREIGN POLICY (3) A study of constitutional, political, ideological, and administrative reactors which influence the formulation and execution of American foreign policy. Special emphasis on current issues.

POLS 0306 POLITICAL CHANGE IN THE U. S. (3) An examination of how the American people use the machinery of American politics - parties, elections, interest groups, community organizations and social movements - to achieve their political goals and values. The course also examines why the political system is both open and at the same time resistant to change.

POLS 0307 PRESIDENCY AND CONGRESS:POLITICAL DYNAMICS (3)An analysis of the nature of leadership and decision making in American government. Emphasis is given to the study of executive power and the legislative process in the context of American political life, and the power relationships between these two branches of government.

POLS 0309 CIVIL LIBERTIES (3) Examines the origin and development of individual rights in the United States, with special emphasis on the First Amendment rights of freedom of speech, the free exercise of religion, freedom of assembly, and freedom of the press. Students will read Supreme Court rulings addressing first Amendment issues and conflicts over religious expression in public school, the meaning of the "establishment" clause, civil liberties in times of war, government of censorship, and rights controversies arising from emerging technologies.

POLS 0318 PUBLIC MANAGEMENT SKILLS (3) Explores the practices of management in the public sector. Includes modeling of goal setting, interviewing, evaluation, resume writing, and leading meetings (Roberts Rules of Order). Theories of leadership, decision-making, supervision, communication, and public relations underlie and inform the practice.

POLS 0320 POLITICS OF BUDGET-MAKING (3) Explores who gets what from government, who doesn't, who decides, and who influences the budget process. Taxing and spending decisions at the national, state, and local levels are examined in their ideological settings.

POLS 0321 AMERICAN PUBLIC POLICY (3)An exploration of the policy making process in the United States, particularly as it relates to specific policy areas such as homeland security, energy, employment, race and ethnicity, and economic policy. Prerequisite:POLS 0101 or POLS 0103.

POLS 0323 SELECTED TOPICS IN POLITICAL SCIENCE (3) An advanced course that explores a specialized topic in the discipline. Selected Topics courses may count toward one, or more, of the fields of concentrations depending upon the particular course content. Students may take POLS 0323 more than once. Prerequisite: POLS 0101.

POLS 0327 ADMINISTRATIVE LAW (3) A study of the legal environment in which public administrators operate, with a focus on court rulings which define the powers of administrative agencies and regulatory commissions. Topics include Supreme Court rulings on the capacity of the president and Congress to control administrative actions, delegation of legislative power to agencies, agency rule-making, agency collection and use of information, the law of public employment, due process, governmental immunity and the liability of public administrators. (formerly POLS 0207)

POLS 0330 WOMEN AND POLITICS (3)Examines women AND politics, which includes, but is broader than, women IN politics. It is generally offered in election years, and identifies, examines, and tracks selected candidates for election to all levels of government. The course assesses government treatment of issues and interest and importance to women; the voting patterns of women in the electorate; voting patterns of the general electorate, as well as in legislative bodies; and how societal culture shapes government action.

POLS 0335 FEMINIST POLITICAL THOUGHT (3) Introduces students to the history and substance of contemporary feminist political thought and familiarizes students with some of the major debates in feminist theory. The course considers feminist political thought in a variety of theoretical frameworks that emerge from various academic and political traditions, and students will read works that show how these frameworks are applied to contemporary debates such as those over the body, sexual difference, identity, freedom , and motherhood. Students will also consider the future of feminist strategies for social change. Prerequisite: EGST 0102 and POLS 0101 or permission of instructor.

POLS 0340 POLITICS AND "THE FAMILY" (3)Considers contemporary battles over definition and control of the family as a political issue, and questions assumptions about the family and its relationship to the state with attention to effects of sex, class, race, ethnicity, and sexual preference on public and private aspects of family lives. Examines the place of the family in classical, modern, and contemporary political thought, traces how and why the family has been situated in the context of public problems, and considers what this means to family identity and to the relationship between families and democracy.

POLS 0397 POLITICAL SCIENCE INTERNSHIP (3 or 6) Provides experience in a local, regional or state governmental office. Daily journal and semester paper required. Prerequisite: 2.75 cumulative GPA.

POLS 0398 WASHINGTON INTERNSHIP (15) A semester inthe nation's capitol serving in a public service office at a junior entrance level. One evening course included. Daily journal and semester paper required. Students may earn up to 15 credits, 6-9 of which may be applied toward the major in Political Science. Prerequisite: 2.75 cumulative GPA.

POLS 0399 INDEPENDENT STUDY (3) Permission of instructor.

Psychology

Our Psychology major has been designed to teach students basic psychological theories, principles and concepts and how to apply them to every day life. In completing the major requirements, students receive both depth and breath of exposure to the field of Psychology. Each student works closely with a faculty advisor to plan a course of study within the major that is in line with the student's interests and goals. A particular strength of the Psychology department is its faculty. Each has a terminal degree, each is committed to teaching and each works with advisees to offer suggestions, deal with problems and provide direction. In addition to classroom instruction, our majors are offered a broad range of experiential learning opportunities that include internships, counseling practica, and independent studies. Internships opportunities have included, but are not limited to such sites as:Mass Mutual Insurance Company, The Carson Center, area grammar and high schools, Noble Hospital, Disney World, DSS in Springfield, Ludlow County Jail and the WSU Human Resource Department.

Psychology as a discipline gives students a framework for understanding human behavior and the world around them. Students learn about the biological bases of behavior, about the nature of personality, how people think, how emotions are expressed, how and why people behave differently in groups and about the differences between normal and abnormal behavior.

With a major in Psychology students develop specific tools to prepare them for a real world environment. Students acquire critical thinking skills so they can present and evaluate arguments. Students acquire methodological and quantitative skills so they can learn how to conduct and evaluate research. Students learn how to acquire information from psychology journals, computer data bases, the internet, questionnaires and systematic observations. Students acquire speaking and writing skills so they can effectively communicate. Students learn interpersonal skills to allow them to interact with and function effectively with others.

Upon graduation students are well equipped to pursue a number of opportunities. Psychology as a liberal arts major positions students to pursue a variety of career paths that can in part be influenced by studying a second major or minor. Psychology students can pursue employment in such fields as Business (human resources, marketing, recruiting, management); human services (career counselor, case worker, crisis intervention counselor, mental health worker); education (administration, admissions, teacher, academic advising); Criminal Justice (corrections officer, parole officer, probation officer, law enforcement officer) and others. In addition to entering the workforce many of our students go on to graduate school studying Psychology or related fields. The Department of Psychology offers a Master's degree in Psychology with programs in Mental Health and Guidance and a Master's in Applied Behavior Analysis. For information about the graduate programs, please consult the Graduate Catalog through DGCE.

Biology 104 or 106 will be required of all new Psychology majors.

Psychology majors must complete a minimum of 21 cedits in the Department at Westfield State.

REQUIREMENTS FOR PSYCHOLOGY MAJORS

REQUIRED COURSES - 9 credits

PSYC 0101 Introduction of Psychology	(3)
PSYC 0105 Research Methods in Psychology	(3)
PSYC 0308 Statistics for Psychologists	(3)

CONTENT COURSES - 18 credits

Select the number of courses indicated below from each of the 4 categories.

Basic Processes - choose 2

PSYC 0215 Adaptation and Animal Behavior	(3)
PSYC 0306 Learning	(3)
PSYC 0341 Cognitive Psychology	(3)
PSYC 0312 Physiological Psychology	(3)
PSYC 0359 Sensation and Perception	(3)

Individual and Social Systems - choose 1

PSYC 0201 Theories of Personality	(3)
PSYC 0304 Social Psychology	(3)
PSYC 0336 Psychology of the Family	(3)

Development - choose 1

PSYC 0202 Child Development	(3)
PSYC 0203 Adolescent Development	(3)
PSYC 0357Adult Development and Aging	(3)

Applied - choose 2

PSYC 0206 Educational Psychology	(3)
PSYC 0317 Applied Behavior Analysis	(3)
PSYC 0200 Industrial/Organizational Psychology	(3)
PSYC 0318 Psychology of Interpersonal Relations & Communications	(3)
PSYC 0320 Psychometrics: Psychological Tests and Measurements	(3)
PSYC 0322 Theories of Counseling	(3)
PSYC 0303 Abnormal Psychology	(3)
PSYC311 Health Psychology	(3)

CAPSTONE EXPERIENCE - 3 credits

Choose 1 of the following options with advisement

PSYC 0333 Practicum in Psychology	(3)
Advanced Special Topics Seminars (e.g. History & Systems)	(3)
PYSC 0351 Emotion	(3)
Honors Thesis as a member of the Honors program	(3)

Electives in Psychology - 9 credits

Total 39 Psychology credits

CORE Lab Science - 4 credits

BIOL 104 Human Biology or BIOL 106 Biology Today or Department approved substitution	(4)

REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

A total of 18 credits in psychology department offerings will qualify a student for a minor in psychology. Psychology minors must complete a minimum of 9 credits in the Department at Westfield State.

Courses

PSYC 0101 INTRODUCTION TO PSYCHOLOGY (3) Overview of the basic theories and facts of human behavior and mental life. Topics include the scientific method, the physiological bases of behavior, sensation and perception, learning and memory, development, personality, social psychology, and abnormal behavior. Psychological knowledge is related to daily problems and everyday life. This course is a prerequisite to all other psychology courses.

PSYC 0105 RESEARCH METHODS IN PSYCHOLOGY (3)Introduction to the scientific method as used in psychology. Students are given laboratory experience at carrying out simple research. Lectures cover the concepts of a hypothesis, an experiment, control procedures, law, and theory. The course focuses on research methods, experimental techniques, and a mention of the basic statistical concepts as they are used in research. Prerequisite: 6 credits in Psychology at the 200-level or above and completion of English Composition I and II.

PSYC 0200 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY (3) Concerns the application of psychological principles to the problem of people operating within business or industry. Includes such topics as the nature of organizations, effective leadership styles, communication skills, group dynamics, and the role of leisure time. Prerequisite: PSYC 0101.

PSYC 0201 THEORIES OF PERSONALITY (3) The major theories of personality, including those of Freud, Jung, Sullivan, Allport, and Rogers, and the evidence used to support them. Comparisons and contrasts of these theories are made and implications drawn will be discussed and applied to counseling, psychotherapy, and education. Prerequisite: PSYC 0101.

PSYC 0202 CHILD DEVELOPMENT (3) The systematic study of the organismic and psychological changes in the child from birth up to adolescence, and of the importance of maturation, growth, and social learning in effecting these changes. Attention is focused on factors in personality, emotional, and cognitive development. Several lectures cover psychological theories of child development as based on available research data. Prerequisite: PSYC 0101.

PSYC 0203 ADOLESCENT DEVELOPMENT (3) Course concerns are the adolescent period of life. Lectures cover the various aspects of development: physical, intellectual, social, emotional, and sexual. Several lectures involve the interpersonal aspects of the life of adolescents, including family, peer, and school relationships, vocational choice, and the self-concept. Also covered are various psychological theories of adolescent development as based on available research data. Prerequisite: PSYC 0101.

PSYC 0204 SELF CONTROL AND STRESS MANAGEMENT (3) The concept of self-control will be examined from various psychological perspectives (e.g. behavioral, psychoanalytic, and humanistic), and a technology of self-control procedures will be introduced which have applications to a wide range of clinical problems. The determinants of stress and its manifestations - physiological, behavioral, and cognitive - will also be examined together with procedures for stress management including relaxation techniques, meditation, biofeedback, and cognitive-behavioral strategies. Prerequisite: PSYC 0101.

PSYC 0205 CAREER PLANNING AND DEVELOPMENT (3) Designed to familiarize students with the major theories of career choice, to enable them to learn a self-assessment process in relation to career opportunities, and to develop flexible strategies for achieving and managing a satisfactory career. The course will also include a discussion of various problems associated with different career opportunities such as technological and social change, value conflicts, dual-career couples and adult developmental needs. Prerequisite: PSYC 0101.

PSYC 0206 EDUCATIONAL PSYCHOLOGY (3) The study of the psychological concepts in educational practices, including the nature and sources of individual differences and readiness, learning, theories, motivations, emotions, and the evaluation of learning techniques. Prerequisite: PSYC 0101.

PSYC 0207 LIFESPAN DEVELOPMENT (3) Explores human development from a variety of psychological perspectives. The entire lifespan, from conception to death, will be discussed, covering both theoretical and empirical issues. Material will cover the three major aspects of development:physical, cognitive, and social-emotional development. Prerequisite:PSYC 0101. This course does not count toward the Psychology major.

PSYC 0210 PSYCHOLOGY OF WOMEN (3) This course will focus on a variety of issues which may include: feminist pedagogy, the difference between sex and gender; gender role development and/or stereotypes; barriers to academic and professional achievement; work issues, such as salary equity, the "glass ceiling," and childcare; women's mental health, such as body image, depression, self-esteem and/or eating disorders; violence, such as rape, abuse, assault and sexual harassment; parenting; and relationships. The influence of social class, culture, age, race, and orientation on these issues may also be addressed. Prerequisite:PSYC 0101.

PSYC 0215 ADAPTATION AND ANIMAL BEHAVIOR (3) Introduces the student to the evolutionary analysis of behavior and the concept of adaptive behavior. We will apply evolutionary theory to explain the behavior of animals in a number of contexts, including sexual behavior, social behavior, foraging behavior, and predator-prey interactions. The course will focus on examining the behavior of non-human animals, particularly mammals, birds, insects and fish, although some reference to our own species will also be made. Prerequisite: PSYC 0101 and PSYC 0105 (PSYC 0105 may be taken concurrently).

PSYC 0303 ABNORMAL PSYCHOLOGY (3) The etiology, development, and therapy of mental disorders. Stress will be on the psychodynamics of pathological behavior. Consideration will be given to various forms of unusual behavior ranging from anxiety states to psychosis. Analyses of pathological behavior will be based on current theories of maturation, emotion, and personality. Prerequisites: PSYC 0101 and PSYC 0201.

SYC 0304 SOCIAL PSYCHOLOGY (3) The individual's behavior nd cognition in the social setting. Social psychology includes the pro- sses of interaction, enculturation, prejudice, attitudes, and a psycho- gical analysis of social institutions such as church, family and school. erequisite: PSYC 0101.

SYC 0305 FORENSIC PSYCHOLOGY (3) This course is designed introduce students to the field of forensic psychology by covering sic research and theory on the causes of criminal behavior, reviewing nical assessment and treatment of criminals, and describing ychological applications in courts, policing, and corrections. By the d of the course, students will be able to conceptualize and categorize rious types of crime, understand the many theoretical frameworks ed to explain criminal behavior, use theories to generate research ideas criminality, critically appraise procedures that are used to assess and eat offenders, understand attributes of special criminal populations, d describe how humans have responded to crime. Prerequisite: PSYC 01 and PSYC 0105 or PSYC 0101 and permission of instructor.

SYC 0306 LEARNING (3) An introduction to the terminology, con- pts, and methods in the study of learning. An examination of prin- ples in terms of early and contemporary inquiries and experiments. e focus is on classical and instrumental conditioning, generalization, d discrimination processes. For students who major or concentrate psychology. Prerequisites: PSYC 0101 and PSYC 0105.

YC 0308 STATISTICS FOR PSYCHOLOGISTS (3) The application statistical methods to current research problems in psychology. The ection of procedures appropriate to problems, performance of the ocedures, interpretation of outcomes, data tabulation and reduction, easures of central tendency and variability, correlation and predic- n, tests of significance, t-test, chi square and analyses of variance. requisite: PSYC 0101 and PSYC 0105.

YC 0311 HEALTH PSYCHOLOGY (3)This course will introduce student to the psychological specialty area of health psychology, ield of psychology targeting the improvement and maintenance of ysical health, as well as the prevention of health difficulties. The dent will understand the associative, multidirectional links between ysiological systems, cognition, behavior, and social environment. ention is given to applied psychological techniques for health im- ovement, maintenance, and prevention. Theoretical models of health avior are used toinitiate health behavior change. Prerequisite:PSYC 01

YC 0312 PHYSIOLOGICAL PSYCHOLOGY (3) A presentation the physiological mechanisms of behavior with application to both rmal and abnormal human behavior. Includes elementary neuro- tomy and discussion of ethical issues of the discipline. Prerequisites: YC 0101 and PSYC 0105.

YC 0314 HISTORY AND SYSTEMS OF PSYCHOLOGY (3) Aim o familiarize the student with the antecedents of modern psychology, rise of experimental psychology as a science, the British, German, l American schools of psychology, and contemporary psychological tems. Several lectures cover the philosophical foundations of experi- ntal psychology, and the philosophy of theory construction. Prereq- tes: PSYC 0101, PSYC 0201, and PSYC 0306 strongly suggested.

PSYC 0315 EVOLUTIONARY PSYCHOLOGY (3) Builds upon the material from PSYC 0215, with a focus on understanding the behavior of the human animal. We will explore how human psychology can be understood as the result of evolutionary processes by investigating the function of aspects of human physiology and cognition, sexual behavior and preferences, parenting, kin relations, coalition building, cooperative behavior, culture, violence, and other types of behavior. Prerequisite: PSYC 0101 and PSYC 0105, and PSYC 0215.

PSYC 0316 PSYCHOLOGY OF HUMAN SEXUALITY (3) An overview of human sexuality from the perspectives of physiological, developmental, social, and clinical psychology. Specific topics include theory and research methodology, sexual arousal and behavior, contraception, sexual orientation, variations in sexual behavior, sexual coercion, and sexual dysfunction and sex therapy. Emphasis is placed on the psychological sequelae of these topics rather than their biological, medical, sociological, or ethical aspects. Prerequisite: PSYC 0101.

PSYC 0317 APPLIED BEHAVIOR ANAYLSIS (3) An overview of the basic techniques derived from operant and respondent conditioning used to bring about behavioral change. Topics include the several categories of reinforcement, schedules, shaping, generalization, stimulus discrimination, and punishment as well as methods of data collection. Prerequisite: PSYC 0101.

PSYC 0318 PSYCHOLOGY OF INTERPERSONAL RELATIONS AND COMMUNICATIONS (3) The major focus is on the nature of interpersonal relationships and how communication influences the formation, destruction and improvement of our relationships. We will bring together the thinking of major theorists and research findings in many areas dealing with interpersonal relations and communications. Prerequisite: PSYC 0101.

PSYC 0320 PSYCHOMETRICS:PSYCHOLOGICAL TESTS AND MEASUREMENTS (3) Provides the student with a broad based understanding of the field of psychometrics, including the theories and techniques of psychological assessment. This course will be driven by an individual differences perspective to understand abilities, attitudes, and personality. The functions and origins of psychological testing will be discussed, as well as the nature, development, and use of contemporary tests. Technical and methodological principles, such as norms, reliability, validity, and item analysis will be presented, and various instruments, including intelligence tests, educational tests, occupational tests, personality tests, and clinical tests will be reviewed. This course will also tackle the controversial social, legal, ethical, and cultural issues related to testing. Prerequisite:PSYC 0101 and PSYC 0105.

PSYC 0322 THEORIES OF COUNSELING (3) A presentation of the philosophies, methods, techniques, and research associated with five or six major contemporary counseling theories such as psychoanalytic, client-centered, rational emotive, and gestalt. Prerequisites: PSYC 0101 and PSYC 0201.

PSYC 0323 COUNSELING THEORY AND PRACTICE (3) Designed to help counselors to develop an understanding of the issues involved in helping relationships dealing with persons having educational, vocational, interpersonal and intrapersonal problems. Techniques and abilities to apply basic counseling skills will be stressed. The aim of the course is to develop an advanced understanding of major counseling theories. Elective for juniors and seniors. Prerequisites: PSYC 0101, PSYC 0201, and PSYC 0322.

PSYC 0333 PRACTICUM IN PSYCHOLOGY (6) Students seek placement in agencies which provide various psychological services to the community. The primary goal of the placement is to provide an opportunity for the student to become involved in a meaningful manner with the services provided by the agency. It is hoped that the student can make a contribution to the service. The student is responsible, under the joint direction of an agency representative and a Department of Psychology supervisor, for the formulation of a detailed outline of activities, time commitment, and responsibilities. The student will also prepare a term paper and a final evaluation related to the activities in which he/she is involved. The agency is expected to provide general supervision and make a final evaluation of the student's performance. The Department representative will make periodic evaluations of the student's performance and will cooperate fully with the agency supervisor. Interested students should contact the Chair of the department. Prerequisites: PSYC 0101, PSYC 0201, PSYC 0322, and PSYC 0323.

PSYC 0335 SENIOR SEMINAR (3) A limited enrollment course designed according to current student and faculty interests and focuses on advanced study of current research and theory in a particular area of psychology. Prerequisite: PSYC 0101 and senior standing.

PSYC 0336 PSYCHOLOGY OF THE FAMILY (3) A presentation of theories of how family interaction and patterns of response influence personality and behavior. An exploration of the characteristics of "healthy" and "unhealthy" families and the types of individuals they produce. A review of family therapy techniques as a means of treating the "identified patient." Limited to juniors and seniors. Prerequisite: PSYC 0101.

PSYC 0341 COGNITIVE PSYCHOLOGY (3) The psychology of sensation, perception, psycholinguistics, cognition and information processing. Topics include memory, attention, pattern recognition, thinking, problem solving, language, and artificial intelligence. Lectures stress in-depth reviews of the experimental evidence which bears on theories of cognition and language. Prerequisites: PSYC 0101 and PSYC 0105.

PSYC 0351 EMOTION (3) An exploration of theories and research in the study of emotion. Topics to be covered include historical and cultural influences on the understanding of emotion, current theoretical explanations of emotion, research on the elements of emotion, issues of development, and other topics such as emotional regulation, emotional intelligence and the role of emotion in cognition, personality and disorder. This is a seminar style course. It fulfills the capstone requirement for the psychology major. Prerequisites:PSYC 0101 and senior standing and at lest six hours of 300-level psychology courses or permission of instructor.

PSYC 0352 WOMEN AND MENTAL HEALTH (3) This course will examine issues related to women's mental health. Topics will include theories of female personality development, socialization, life cycle events, sexuality, psychopathology more frequently associated with women (e.g. depression, eating disorders, phobias), specific treatment needs of women, the impact of violence against women, and international issues concerning women.

PSYC 0353-356 SPECIAL TOPICS IN PSYCHOLOGY (3) each offering; students may receive no more than 6 credits for this course number. Offered on an irregular basis. This offering is an in-depth study of a limited and/or specialized area within one field of psychology. The exact title will vary according to the specialization of the instructor and the interest of the students. Prerequisites for majors: PSYC 0101 and at least 9 additional credits in psychology. Prerequisites for non-majors: PSYC 0101 and permission.

PSYC 0357 ADULT DEVELOPMENT AND AGING (3) A study of human development through the early, middle, and later adult years. The course will focus on the maturational and environmental determinants of changes in sensation and perception, learning and memory, intelligence, cognition, and personality. Prerequisite: PSYC 0101.

PSYC 0359 SENSATION AND PERCEPTION (3) This course deals with how we construct a conception of physical reality from sensory experience, particularly from sight and sound. We will review the main areas of perception from the neurophysiological, psychophysical, and cognitive points of view: the visual system and seeing, the auditory system and hearing, smell, taste, and touch. A series of lectures and demonstrations will introduce the students to interesting perceptual phenomena. Prerequisites: PSYC 0101 and PSYC 0105.

PSYC 0360 LEARNING LABORATORY (3) Provides students with laboratory experience in animal learning. Initially all students will train animals using basic procedures in behavioral control including shaping, response acquisition and simple discrimination. Student will then pursue individual projects examining response chaining, performance on simple or complex schedules of reinforcement, choice behavior, and other areas of learning. Prerequisites: PSYC 0101, PSYC 0105, PSYC 0306, and permission of instructor.

PSYC 0362 ALCOHOLISM: CAUSES AND TREATMENT (3) The objectives of this course are to explain and interpret the dynamics, research and most effective treatment modalities for alcoholism. Included are the physiological causes of alcoholism, common psychological denominators, defenses, the progression and the recovery-relapse of the alcoholic. The alcoholic family as a unit to be treated is considered also. Prerequisite: PSYC 0101 or permission of instructor.

PSYC 0363 CROSS CULTURAL PSYCHOLOGY (3) This course will focus on understanding different cultural values, norms and beliefs - an ingredient for effective communication among people of differing cultures. Topics to be covered are the differences in cognitive processes that lead to misunderstanding and conflicts between members of different groups, e.g. differences in perception, thinking, verbal and non-verbal behavior. The goal of the course is for students to understand and become more comfortable with the ideas and behavior of others whose culture is different from their own. Prerequisite: PSYC 0101.

SYC 0364 DRUGS AND BEHAVIOR (3) The course covers the basic rinciples of psychopharmacology; what drugs are and how they influ- nce psychological phenomena. Various forms of drug use and abuse re examined. The student gains an understanding of: How and why rugs are used as treatment for psychopathological and neuropsycho- gical conditions; mechanisms of addiction, tolerance and abuse; the ocial, recreational and religious context; and the legal history of sub- ance use. Prerequisites: Junior/senior standing, PSYC 0101 and PSYC 312; or permission of instructor.

SYC 0367 ADVANCED DEVELOPMENTAL PSYCHOLOGY 3) Advanced Developmental Psychology will review research and pplications to describe, explain, and promote optimal developmental utcomes in individuals and families at all points in the life-span. iological, psychological, and social development will be viewed as eing influenced by cultural, economic, and political factors. The course ill emphasize normative rather than maladaptive developmental utcomes, and will highlight issues of immediate social relevance, uch as day care, non-traditional families, adolescent pregnancy, child buse, developmental assessment, and care for ill elderly. Prerequisite: SYC 0202.

SYC 0381 EXPERIMENTAL SOCIAL PSYCHOLOGY (3) Provides ills in field and laboratory research methodology. A few topics in so- al psychology, such as interpersonal attraction, attitude change, social gnition and impression management are discussed in detail. Follow- g an in-depth analysis of a specific topic, students conduct either field laboratory experiments. Students are closely supervised and are re- onsible for conducting and scheduling experiments; collecting, cod- g and analyzing data; and submitting a final written report in APA rmat for each experiment. Prerequisites: PSYC 0101, PSYC 0105, d PSYC 0304; or the permission of the instructor.

YC 0397PSYCHOLOGY INTERNSHIP (6-15)Provides experi- ce at a local, regional, state, or national site related to the practice psychology. Weekly journal, bi-weekly supervisory reports, ex- rience relevant term paper, and site specific assignments required. erequisites:Junior standing and 2.8 cumulative GPA plus 27 credits Psychology.

YC 0399 INDEPENDENT STUDY - PSYCHOLOGY (1-6) Credit independent study is granted for special academic work done under supervision of a faculty member of the Psychology Department. is work may involve library research and subsequent preparation of cholarly paper; design and completion of an experimental project or d study; advanced study and application of concepts in a particular a of psychology beyond that covered in typical course work. At the l of the project, a final written report should be submitted to the ulty supervisor, with a copy to the departmental advisor and a copy the chairman of the department. Prerequisites: PSYC 0101.

Social Work

The Department offers a major in Social Work leading to the BSW (Bachelor of Social Work) degree.

The major in social work prepares students to practice bachelor's level social work in today's complex world. This preparation takes into consideration the value of human diversity in the world and the reality of oppression in the world. Specifically, the curriculum provides students with the values and ethics, the skills, and the knowledge needed for beginning level generalist social work practice. The Bachelor of Social Work program is accredited by the Council on Social Work Education. Current graduates from the program are eligible to apply for social work licensure at the bachelor's level in the Commonwealth of Massachusetts and may be able to apply for advanced standing in graduate schools of social work.

REQUIREMENTS FOR SOCIAL WORK MAJORS (58 CREDITS)

Foundation courses: (16)

SOCI 0101 Principles of Sociology	(3)
PSYC 0101 Introduction to Psychology	(3)
POLS 0101 American National Government **or** HIST 0132 U.S. History & Gov't. since 1865	(3)
ECON 0101 Principles of Macroeconomics	(3)
BIOL 0104 Human Biology **or** BIOL 0106 Biology Today	(4)

Major courses: (42)

SOCW 0103 Intro to Social Work and Social Welfare	(3)
SOCW 0204 Intro to Research Methods in Social Work	(3)
SOCW 0241 Human Behavior & Social Environment I	(3)
SOCW 0242 Human Behavior & Social Environment II	(3)
SOCW 0243 Social Welfare Policy Analysis	(3)
SOCW 0301 Advanced Research Methods	(3)
SOCW 0340 Introduction to Generalist Practice	(3)
SOCW 0341 Gen Practice with Communities and Organizations	(3)
SOCW 0342 Gen Practice with Individuals	(3)
SOCW 0343 Gen Practice with Families and Groups	(3)
SOCW 0351 Social Work Field Practicum I	(6)
SOCW 0352 Social Work Field Practicum II	(6)

Admission to in the Social Work major:

Students formally enter the social work program during the first semester of their junior year. They may apply for admission to the major as early as the first semester of their sophomore year, but may notify the department of their intention prior to that time. Students should have completed or be enrolled in the required foundation courses as well as SOCW 0103.

Retention in the Social Work program:

To remain in the major, a student will have to receive at least a "C-" in all major and foundation courses, retain at least a 2.3 grade point average in all required major and foundation courses, and retain an overall GPA of 2.0. A student who does not meet these standards will not be permitted to enroll in the fourth-year field practicum.

Courses

SOCW 0103 INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE (3) Pre-professional course designed to introduce the student to the present profession of social work, present social welfare programs, and the history of social work and social welfare.

SOCW 0204 INTRODUCTION TO RESEARCH METHODS IN SOCIAL WORK (3)introduces social work students to the basics of social science research by examining the research process, purposes of research and the philosophy of research. Students will learn about the basics of measurement, sampling and causation. Students will review how the basic approaches to research, including qualitative research, experiments, surveys, and historical and comparative research, are applied and utilized by social workers. Research from socialwork will be used to exemplify research principles. Prerequisite: SOCW0103 or permission of the instructor.

SOCW 0241 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I (3) This is the first course of a two course sequence that will focus on how aspects of the social environment affect human behavior and on individual development across the life cycle. Prerequisite: SOCW 0103 and SOCI 0101, and PSYC 0101 or permission of the instructor.

SOCW 0242 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II (3) This is the second course of a two course sequence that will focus on how aspects of the social environment affect human behavior and on individual development across the life cycle. Prerequisite: SOCW 0241 and BIOL 0104 or permission of the instructor.

SOCW 0243 SOCIAL WELFARE POLICY ANALYSIS (3) Social science, historical, and ideological models, theories, and perspectives are used as a foundation to examine and analyze present social policies and social programs. Prerequisite: SOCW 0103, and POLS 0101, and ECON 0101.

SOCW 0301 ADVANCED RESEARCH METHODS (3) This course builds on research skills and knowledge developed in SOCI 0204,Introduction to Research Methods in Sociology. This course examines the topics of advanced measurement, program evaluation, N of 1 research, qualitative data analysis, and ethics in research with a focus on quantitative data analysis. Prerequisite: SOCW 0204.

SOCW 0331 SPECIAL TOPICS IN SOCIAL WORK (3) An in-depth treatment of a limited and/or specialized area within social work. Prerequisite: permission of instructor.

SOCW 0340 INTRODUCTION TO GENERALIST PRACTICE (3) Provides an introduction to the generalist practice process, the problem-solving model, critical thinking, the values and ethics of social work, recording methods, basic interviewing skills and how to apply this knowledge and these skills across various types of practice situations (with individuals, families, groups, communities, and organizations). Prerequisite or co-requisite: SOCW 0241.

SOCW 0341 GENERALIST PRACTICE WITH COMMUNITIES AND ORGANIZATIONS (3) Examines the skills needed to develop and carry out community development and social activism interventions. Covers basic skills for developing organizations creating organizational change, and administering organizations. Prerequisites: Acceptance in Social Work major and SOCW 0340.

OCW 0342 GENERALIST PRACTICE WITH INDIVIDUALS (3) his course focuses on skills of assessment and intervention with in-viduals. Students examine models of micro practice, hone critical inking skills, and develop methods for dealing with ethical dilemmas. erequisite:Acceptance in Social Work Program and SOCW 0340.

OCW 0343 GENERALIST PRACTICE WITH FAMILIES AND ROUPS (3) Introduces students to the knowledge and skills needed plan and guide social work groups and the knowledge and skills work with family systems. Prerequisites: acceptance in social work ajor and SOCW 0340.

OCW 0351 SOCIAL WORK PRACTICUM I (6) Social work majors their senior year are required to complete a two-semester, 400 hour, nds on social work experience in an approved agency under the su-rvision of a professional social worker. Included is a weekly seminar at provides further integration of practice with the skills, knowledge, d values and ethics of the field. Prerequisites: acceptance in social ork major and SOCW 0340.

OCW 0352 SOCIAL WORK PRACTICUM II (6) This is the second lf of the senior year field experience. Prerequisites: acceptance in so-l work major and SOCW 0351.

OCW 0399 INDEPENDENT STUDY (1-6) Permission of instructor.

Sociology

The Department of Sociology offers a major, leading to the bachelor of arts degree, and a minor in the discipline.

The discipline gives students the knowledge and skills which provide an excellent foundation for many careers, as well as the grounding for graduate education in sociology or a related field. Students develop an understanding of social change, research design, data analysis, statistics, and theory. They also acquire a sense of history and of different ways of life. Students learn how individuals behave in organizations, families, and communities, and develop an understanding of the contexts within which social policy decisions are made and carried out. The Senior Thesis/Internship, which concludes work in the major, gives students the opportunity to write an original research paper or to gain hands-on experience in a variety of governmental, business, and service settings, where they will apply the knowledge and skills learned in earlier coursework.

REQUIREMENTS FOR SOCIOLOGY MAJORS (36 OR 39 CREDITS)

SOCI 0101 Principles of Sociology	(3)
SOCI 0204 Intro to Research Methods in Sociology	(3)
SOCI 0335 Sociological Theory	(3)
SOCI 0300 Senior Thesis/Internship	(3 or 6)
Eight Sociology Elective Courses	(24)

REQUIREMENTS FOR SOCIOLOGY MINOR

SOCI 0101 Principles of Sociology	(3)
Two sociology courses (either 0200 or 0300 level)	(6)
Three sociology courses (at 0300 level)	(9)

Courses

SOCI 0101 PRINCIPLES OF SOCIOLOGY (3) An introduction to the fundamental concepts of group behavior, major social institutions, principal theoretical perspectives and the nature of sociological research. Topics to be covered include, but are not limited to: the development of the discipline of sociology, components of culture, socialization, research methods, deviance, stratification and social change.

SOCI 0200 CULTURAL ANTHROPOLOGY (3) An overview of cultural anthropology as a discipline and to the concepts and techniques essential for understanding different cultures, both contemporary and past. Includes analysis of universal aspects of human experience, including the family, economic, political, religious, artistic, and linguistic systems, examined in cross-cultural perspective. A brief examination of hunters and gatherers, tribal and peasant peoples, among others and an introduction to the dynamics of cultural contact, cultural evolution, and change.

SOCI 0201 THE FAMILY (3) The family as a social institution, affected by and affecting other institutions. Some material of the family in non-industrial societies will be included, but the main focus will be on persisting patterns and on changes in pre-marital, marital, and family relationships in the United States.

SOCI 0202 RACE AND ETHNIC RELATIONS (3) A study of the phenomena which arise when different biological and cultural groups interact, and of theories and methods calculated to reduce antipathy and discrimination against minority groups, with an emphasis on American relations. Prerequisite:SOCI 0101.

SOCI 0204 INTRODUCTION TO RESEARCH METHODS IN SOCIOLOGY (3) The development of social research; the nature of sociological inquiry; basic methods and techniques; examination of representative sociological studies from the standpoint of methodology. Prerequisite: SOCI 0101.

SOCI 0300 SENIOR THESIS/INTERNSHIP (3-6) The course provides an opportunity for independent study which may take a theoretical direction (the non-agency research or the thesis option) or may involve observer participation in relevant community agencies and organizations. Prerequisites:SOCI 0101, SOCI 0204, SOCI 0335 and senior standing. Open only to sociology majors.

SOCI 0304 SOCIAL CHANGE (3) Major theories of social change with respect to the origin of innovations and the reasons for their acceptance or rejection. An analysis of such sources of change as conflict, technology, and social planning in modern and developing societies. Prerequisites: SOCI 0101.

SOCI 0305 URBAN SOCIOLOGY (3) Growth, structure and functions of the city. The urban place as an ecological, stratified, attitudinal and decision-making unit. Urban problems and social relations. Prerequisite: SOCI 0101.

SOCI 0307 SOCIAL PROBLEMS (3) A study of contemporary American society in light of selected problem areas. An analysis of contributing factors, conflicting views and values, current situation of prospects for resolution involving application of sociological concepts, theories, and methods. Prerequisite: SOCI 0101.

SOCI 0308 SOCIAL INEQUALITY (3) A systematic treatment of the ranking systems in various social structures in America. Theories of social stratification and mobility, analysis of social class studies in the United States, the interplay of power, status, and control. Prerequisite: SOCI 0101.

SOCI 0309 SOCIOLOGY OF RELIGION (3) The scientific study of religion dating from mid-19th century animists and naturalists. Religion as a basic social institution with both integrative and diverse tendencies. Organizational patterns; interrelationships with other institutions. Theoretical developments within the field. Changing emphases in the function of religion as a major source of meaning and values in human societies. Prerequisite: SOCI 0101.

SOCI 0311 COMPLEX ORGANIZATIONS (3) Examination of major theories and studies of complex organizations. Emphasis is on recent findings regarding the influence of organizations on the behavior of members, bureaucratic "pathology", succession and displacement of goals, organizational types, characteristics, and problems of bureaucracies in a variety of settings: occupational, military, medical, religious, correctional, political; organization change in the light of contemporary theory and research noting the functioning of complex organizations in pre-industrial and industrial societies. Prerequisite: SOCI 0101.

SOCI 0312 POPULATION STUDIES IN SOCIOLOGY (3) Introduction to population studies, provided within a sociological framework, and an analysis of historical, contemporary, and anticipated population conditions and trends, as these are related to social situations and the organization of society. Prerequisite: SOCI 0101.

OCI 0314 COLLECTIVE BEHAVIOR AND SOCIAL MOVE-1ENTS (3) Study of crowds, panics and riots, fads and fashions, ımor and propaganda, the formation of publics and social move-ıents. Examines the transition from unorganized to organized group ehavior whose intent is to enact or impede social change. Such group ehaviors are examined through the prism of various sociological per-ectives. Prerequisite: SOCI 0101.

OCI 0315 SOCIOLOGY OF GENDER (3) An examination of the ocial construction of gender; the intersection of gender, class, race/ hnicity, and sexual orientation; the dimensions of gender inequality; nd changing gender arrangements in the United States. Prerequisite: OCI 0101.

OCI 0316 SMALL GROUPS (3) A systematic study of the influential eoretical and empirical writings and studies, classical and current, ealing with the structure and functioning of small groups; the influ-nce of small groups research on theoretical perspectives in macro-so-ology. Prerequisite: SOCI 0101.

OCI 0317 DEVIANCE AND SOCIAL CONTROL (3) This course xamines various behaviors considered as "deviant." Beginning with efinitions of deviance, the course analyzes the extent of deviant be-aviors, theories and causes of deviant behavior, and the role of social ontrol in defining what constitutes "deviance." In the course, a broad nge of behaviors are considered, with the aim of providing students ith a distinctly sociological fram of reference through which a fuller nderstanding of such behaviors may be gained. Policy implications e also discussed. Prerequisite: SOCI 0101.

OCI 0318 SOCIOLOGY OF MEDICAL CARE (3) Examination of isting theory and research on medical care of a social institution. udy of the relation of social factors to illness, both physical and men-, and its distribution. Attitudes and beliefs regarding illness and the sponse to illness in various societies. Sociological analysis of hospitals social organizations, of the medical profession, and of medical edu-tion. Comparison of medicine as it is practiced in the United States d in other countries. Prerequisite: SOCI 0101.

OCI 0319 SOCIOLOGY OF SEXUALITIES (3) Examines how in the S. culture, the meaning of sexual feelings, fantasies, and experiences ve varied over time; the changing set of sexual identities individuals body; the development of communities and social movements or-nized around sexuality; and how social institutions such as the state d legal system, the family, education, religion, mass media, and other atification systems based on gender, race, and class all shape sexual-on the individual, interactional, and institutional levels. Prerequisite: CI 0101.

CI 0320 SOCIOLOGY OF EDUCATION (3) American schools as ial organizations, as community associations, and as socialization nts. The functions of the school, and the relation of the institution education to culture and social structure. Problems of change. Pre-uisite: SOCI 0101.

CI 0321 SOCIAL GERONTOLOGY (3) Aging as a biological, chological, and sociological process with numerous economic and itical implications. Emphasis will be placed on the role of both the ily and the community. The crises of retirement, illness, and dying also be treated. Prerequisite: SOCI 0101.

SOCI 0326 THE GLOBAL EXPERIENCE (3) This course will explore societies in the world order with diverse cultural, social, political, and economic systems. It will also take a critical look at how culture shapes individual views of the world. The ultimate purpose is to explore pressing issues of global concern and to view such issues from perspectives that also fall outside of the borders of the United States. Especially recommended for students considering or planning international exchange or short-term study abroad.

SOCI 0330 SOCIOLOGY OF LAW (3) The sociological study of law; analysis of the legal system; relationship between the legal order and other institutional realms of society; the effectiveness of law as a mechanism of social control, and the place of law in broader patterns of social change. Prerequisite: SOCI 0101.

SOCI 0331-0334 SPECIAL TOPICS IN SOCIOLOGY (3) An in-depth treatment of a limited and/or specialized area within sociology. Prerequisite: permission of instructor.

SOCI 0335 SOCIOLOGICAL THEORY (3) In this course students are introduced in some depth to the various sociological theoretical perspectives as well as their "founders". These perspectives have been used by social analysts and sociologists since the 19th century to the present in their analysis and understanding of society and human behavior. More specifically, students focus on the ideas and themes about society and eminent social analysts like Auguste Comte, Herbert Spencer, Karl Marx, George Simmel, Talcott Parsons and others. Of importance is for the students to begin gaining an understanding of how the ideas of these social analysts are of relevance to modern society as well as their own experiences. Prerequisite: SOCI 0101 or permission of the instructor.

SOCI 0399 INDEPENDENT STUDY (1-6) Permission of instructor.

World Language Studies

The Department of World Language Studies offers both a B.A. and a minor in Spanish, as well as a minor in French. We also offer courses in other world languages such as Chinese and Arabic in support of college programs with multiethnic and international components, and students' pursuit of opportunities for international study and travel or graduate education. In addition to language study, the department offers courses in world literatures and cultures taught in English which provide students with insight into the creative spirit of other peoples, as well as their perspectives on past and contemporary issues, and support college general education requirements.

The Spanish major at Westfield is structured as a liberal arts major with a strong practical emphasis. It is intended to prepare students to take their place in a globalized economy and world through a focus on language proficiency and cultural competence, along with a knowledge and appreciation of the Hispanic world in its historical, political, literary and artistic dimensions. The Spanish major may be successfully combined with a number of professional majors offered by the University, as students learn to function knowledgeably and confidently in bilingual and multicultural settings, with an appreciation both of masterworks of the past and of contemporary popular culture.

The minors in French and Spanish consist of 18 credit hours, beginning with the intermediate (0103 and 0104) level courses in the respective language sequences. Upon completion of this level students may choose from a variety of elective courses. Like the Spanish major, these programs are designed to afford students a working knowledge of another language along with cultural competence which will serve them in careers in government, social services and business, or for advanced study

REQUIREMENTS FOR THE SPANISH MAJOR - 39 CREDITS

MAJOR CORE – 12 CREDITS

LSPA 0103 Spanish III	(3)
LSPA 0104 Spanish IV	(3)
LSPA 0201 Reading Spanish Texts	(3)
LSPA 0215 Speaking and Writing Spanish: Intermediate Level	(3)

SPANISH ELECTIVES – 15-18 CREDITS

LSPA 0200 Spanish Conversation I	(3)
LSPA 0203 Spanish Cultural Studies	(3)
LSPA 0204 Latin American Cultural Studies	(3)
LSPA 0205 Spanish Composition	(3)
LSPA 0206 Spanish Conversation II	(3)
LSPA 0210 Topics in Hispanic Studies	(3)
LSPA 0220 Spanish Language Press	(3)
LSPA 0311 Comparative Grammar: Spanish/English	(3)
LSPA 0315 Speaking and Writing Spanish: Advanced	(3)
LSPA 0316 Advanced Spanish Conversation	(3)
LSPA 0317 Advanced Spanish Composition	(3)
LSPA 0321 Topics in Spanish Language Cinema	(3)
LSPA 0325 Popular Culture in the Spanish Speaking World	(3)
LSPA 0340 Special Topics in Spanish	(3)
LSPA 0390 Spanish for Community Based Learning	(3)
LSPA 0398 Internship: Spanish in the Community	(3)
LSPA 0399 Independent Study	(3)

LITERATURE – 6 CREDITS

LSPA 0300 Introduction to Spanish Literature	(3)
LSPA 0306 Contemporary Spanish Literature	(3)
LSPA 0307 Introduction to Latin American Literature	(3)
LSPA 0309 Contemporary Latin American Literature	(3)
LSPA 0340 Special Topics in Spanish	(3)
LSPA 0399 Independent Study	(3)

ELECTIVES – 3-6 CREDITS

EGST 0210 U.S. Latino/a Literatures	(3)
LANG 0210 Language, Culture and Society	(3)
LCUL 0201 Women in the Hispanic World	(3)
LCUL 0210 Hispanic/Latino Cultures in the US	(3)
LCUL 0220 Envisioning the Americas	(3)
LLIT 0202 Women Writers of the Americas: US Latina Writers	(3)
LLIT 0310 Seminar in Hispanic Studies	(3)

Additionally, with faculty supervision students may do individua work in Spanish within an English-language course under the rubri of Languages Across the Curriculum, when approved by the Languag Department Chair. With this approval, such courses may be used a substitutions within the Spanish elective and literature components o the major, for a maximum of six credits.

REQUIREMENTS FOR THE FRENCH MINOR – 18 CREDITS

The French minor is under revision, please see the Department for de tails.

REQUIREMENTS FOR THE SPANISH MINOR - 18 CREDITS

LSPA 0103 Spanish III	(3)
LSPA 0104 Spanish IV	(3)

Upper-level Hispanic studies course work (12)

REQUIREMENTS FOR THE LATIN AMERICAN AND CARIBBEAN STUDIES MINOR – 18 CREDITS

Consisting of 18 credits, this minor is designed to incorporate per spectives from a wide range of disciplines such as literature, history women's studies, geography, politics and sociology. Accordingly, stu dent will take two courses from each of three categories as follows literature, language and the fine arts; history and culture; and socia sciences. The category in which LACS 301, Seminar in Latin America and Caribbean Studies, is counted will depend on its topic in a given semester. Additional courses may also be used to fulfill the require ment in a category with approval of the Latin American and Caribbean Studies advisor.

Proficiency in Spanish, French or Portuguese should be an importan goal for those intending to work or to pursue advanced study in an area related to Latin America. For the purpose of this minor students are required, prior to the beginning of the senior year, to attain interme diate-level competency in Spanish, French or Portuguese as judged by successful completion of the fourth semester language study or equiva lent experience.

For advising please see Professor Brain Conz (bconz@westfield ma.edu) in the department of Geography and Regional Planning or Professor Gabrial Aquino (gaquino@westfield.ma.edu) in the depart ment of Sociology. More information about the minor can be found at www.westfield.ma.edu/sociology/LAS/.

iterature, Languages and the Fine Arts (6)
Choose two from the following:

EGST 0301 Seminar: Post-Colonial Studies	(3)
LACS 0301 Seminar in Latin American and Caribbean Studies	(3)*
LFRE 0205 Speaking and Writing French: Intermediate Level	(3)
LFRE 0305 Speaking and Writing French: Advanced Level	(3)
LLIT 0201 Women Writers of the American	(3)*
LLIT 0310 Seminar in Hispanic Studies	(3)*
LSPA 0204 Latin American Cultural Studies	(3)
LSPA 0210 Topics in Hispanic Studies	(3)*
LSPA 0215 Speaking and Writing Spanish: Intermediate Level	(3)
LSPA 0220 Spanish Language Press	(3)
LSPA 0307 Introduction to Latin American Literature	(3)
LSPA 0309 Contemporary Latin American Literature	(3)
LSPA 0315 Speaking and Writing Spanish: Advanced Level	(3)
LSPA 0340 Special Topics in Spanish	(3)*

istory and Culture (6)
Choose two from the following:

HIST 0276 Latin America to 1800	(3)
HIST 0277 Latin America Since 1800	(3)
HIST 0278 Women in Latin America	(3)
HIST 0279 Latin American Revolutions	(3)
HIST 0290 Problems in World History	(3)*
HIST 0373 Modern Latin American	(3)
HIST 0375 U.S.-Latin American Relations Since 1898	(3)
LACS 0301 Seminar in Latin American and Caribbean Studies	(3)*
LCUL 0201 Women in the Hispanic World	
LCUL 0210 Envisioning the Americas	
LSPA 0204 Latin American Cultural Studies	
LSPA 0210 Topics in Hispanic Studies	(3)*
LSPA 0220 Spanish Language Press	(3)
LSPA 0325 Popular Culture in the Spanish Speaking World	(3)
LSPA 0340Special Topics in Spanish	(3)*

cial Sciences (6)
hoose two from the following:

CRJU 0343 Special Topics in Criminal Justice	(3)*
LACS 0301 Seminar in Latin American and Caribbean Studies	(3)*
MGMT 0338 International Business	(3)
POLS 0231 Latin American Politics	(3)
SOCI 0331-0334 Special Topics in Sociology	(3)*

hen topic is appropriate, please see the minor advisors for approval use this course in the specified category.

Courses

COURSES TAUGHT IN ENGLISH: LANGUAGE AND CULTURE

LACS 0301 SEMINAR IN LATIN AMERICAN AND CARIBBEAN STUDIES (3) Readings about and discussions of issues, figures, movements, or perspectives on Latin America, to accompany independent research by the student. Topics which integrate various forms of study about Spanish, Portuguese, and French-speaking peoples of the hemisphere will be emphasized. Prerequisite: introductory work in Latin American-related courses or equivalent or approval of the instructor.

LCUL 0210 HISPANIC/LATINO CULTURES IN THE U.S. (3) A study of the historical and cultural background of the various Hispanic/Latino communities in the United States. Students will be introduced to the history of those communities, to the conditions which produced them, and to the literature and art through which they are represented.

LCUL 0201 WOMEN IN THE HISPANIC WORLD (3) A study of selected female figures of historic, artistic, political, or cultural importance within the Hispanic world, as well as social movements shaped by women's distinctive roles and contributions. Readings of primary and secondary sources, oral presentations and significant writing required. Prerequisites: ENGL 0101 and ENGL 0102.

LCUL 0210 HISPANIC/LATINO CULTURES IN THE UNITED STATES (3) A study of the historical and cultural background of Hispanics in the United States from the 16th century to the present. Emphasis on Mexican Americans in the Southwest, Cuban Americans in Florida, and Puerto Ricans in the Northeast. Contemporary cultures studied through creative literature and the arts.

LCUL 0220 ENVISIONING THE AMERICAS (3) An examination of the experiences and social structures which have shaped the ethos of Anglo America and Latin America respectively. Focus on the nature and origins of the two societies' perceptions of the new continent, of the indigenous populations and of each other. Taught in English.

COURSES TAUGHT IN ENGLISH: LITERATURE

LLIT 0201 WOMEN WRITERS OF THE AMERICAS: GLOBAL (3) A study of selected works by women writers of the varied linguistic, national and cultural traditions of the Americas, with special attention to the efforts of writers to define themselves in relation or in opposition to existing literary and cultural traditions. Topics of a given semester may focus on writers of a particular region, or on a selected theme or genre (e.g., Women Writers of the Caribbean). Taught in English. Students may enroll more than once for credit provided topic is different.

LLIT 0202 WOMEN WRITERS OF THE AMERICAS: US (3) A study of selected works by women writers of the varied linguistic, national and cultural traditions of the Americas. Special attention to the self-definition of writers either in relation or in opposition to existing literary and cultural traditions. Topic of a given semester may focus on writers of a particular region, or on a selected theme or genre. Taught in English. Students may enroll more than once for credit provided topic is different.

LLIT 0210 STUDIES IN THE LITERATURE OF AFRICA AND THE AFRICAN DIASPORA: (varying topics): (3) A study of African literature and that of the African Diaspora; focuses on writers of selected national or ethnic origin or on selected themes, topics or genres. Class discussions, oral reports writing assignments and a research paper are required. Topic or genres may vary by semester (e.g. Women Writers

of West Africa). May be taken with different topic more than once. Also offered as LFRE 0210 for students who wish to do the readings in French.

LLIT 0220 STUDIES IN EUROPEAN CULTURES (varying topics): (3) A study of European literature in translation; focuses on writers of selected national or ethnic origin or on selected themes, topics or genres. Class discussions, oral reports, writing assignments and research paper are required. Topic may vary by semester (e.g., The Holocaust, Women in the French Novel, Romanticism). May be taken with different topic more than once.

LLIT 0310 SEMINAR IN HISPANIC STUDIES (3) A study of selected issues, thinkers, themes, authors or genres drawn from the literary and artistic traditions of the Hispanic world. Readings of primary and secondary sources, oral presentations and significant writing required. Topic varies by semester. Taught in English. Perquisite: ENGL 0102.

Language Courses

ARABIC

LARA 0101 ARABIC I (3) An introduction to the sounds, alphabet and basic grammatical patterns of modern Arabic. Stress on oral comprehension and speaking proficiency, including courtesy expressions, for use in common everyday situations.

LARA 0102 ARABIC II (3) The second course in the Arabic language sequence. Topics include the Arabic alphabet, basic grammar and verb forms. Continued emphasis on listening comprehension and speaking, and the development of cultural competence in communicative situations. Introduction to the cultural heritage of the Arabic-speaking world. Prerequisite: LARA 0101 or equivalent.

LARA 0103 ARABIC III (3) The third course in the Arabic language sequence. Continues emphasis on listening and speaking proficiency, with increased attention to the Arabic alphabet. Stress on expanding students' active vocabulary and grasp of grammatical structures along with increased cultural understanding and competence. Prerequisite: LARA 0102 or equivalent.

LARA 0104 ARABIC IV (3) The fourth course in the Arabic language sequence. Stresses continued development of the four language skills of listening, speaking, reading and writing, along with intercultural competence, practiced in relation to everyday communicative situations in the context of the Arabic-speaking world. Prerequisite: LARA 0103 or equivalent.

CHINESE

LCHI CHINESE I (3) An introduction to Mandarin Chinese intended for students who have no previous experience with the language. Stress on listening and speaking proficiency. Students will be introduced to vocabulary necessary for simply interactions, basic elements of grammar, and the most commonly used characters of modern written Chinese.

LCHI CHINESE II (3) The second course in the Chinese language sequence. Continued emphasis on aural/oral proficiency, along with the mastery of basic elements of grammar, sentence structure and the most commonly used Chinese characters. Introduction to the culture of the Chinese-speaking world, and attention to intercultural competence in communicative situations. Prerequisite: LCHI 0101 or equivalent.

LCHI 0103 CHINESE III (3) The third course in the Chinese language sequence. Continues emphasis on listening and speaking proficiency in Mandarin Chinese. Stress on expanding students' active vocabulary and grasp of grammatical structures along with increased cultural understanding and competence. Prerequisite: LCHI 0102 or equivalent.

LCHI 0104 CHINESE IV (3) The fourth course in the Chinese language sequence. Stresses continued development of the four language skills of listening, speaking, reading and writing, along with intercultural competence, practiced in relation to everyday communicative situations relating to Chinese culture. Prerequisite: LCHI 0103 or equivalent.

FRENCH

LFRE 0101 FRENCH I (3) The first course in the French language sequence. An introduction to the sounds and basic grammatical structures of standard conversational French. Stress on oral comprehension and speaking as well as the reading and writing of simple grammatical patterns. Vocabulary is limited to about 400-500 of the most used words. No prerequisite.

LFRE 0102 FRENCH II (3) The second course in the French sequence. Stress on oral comprehension and speaking as well as the increased practice of reading and writing. Additional active vocabulary of 400-500 of the most common items. Prerequisite: one semester of college or one year of high school French.

LFRE 0103 FRENCH III (3) The third course in the French sequence. Stress on oral comprehension, speaking, reading and writing about topics dealing with contemporary life in the French-speaking world. An additional active vocabulary of 400-500 new words. Prerequisite: two semesters of college or two years of high school French.

LFRE 0104 FRENCH IV (3) The fourth course in the French sequence. Continued emphasis on the four language skills with topics about contemporary life. Additional vocabulary of 400-500 new words. Prerequisite: three semesters of college or three years of high school French.

LFRE 0201 READING FRENCH TEXTS (3) This course is an introduction to literature and literary analysis. Students will learn the vocabulary of criticism and will improve their reading skills using selected texts by European, African, and American writers. Prerequisite: LFRE 0104 or the equivalent.

LFRE 0205 SPEAKING AND WRITING: INTERMEDIATE LEVEL (3) This course combines activities designed to help students develop an intermediate level proficiency in oral and written communication skills through a study of the values and attitudes of the Francophone world. The course is conducted entirely in French. The language acquisition component focuses on the following: a) improving students' facility in speaking and writing French within 'real-life' contexts; b) analyzing the linguistic components of a speech sample: phonological, morphological, and syntactic; and c) expanding vocabulary and improving pronunciation and the use of grammatical structures. The area studies component comparing and contrasting the cultural values and attitudes of the Francophone and the Anglophone worlds. Prerequisite: LFRE 0104 or equivalent.

LFRE 0305 SPEAKING AND WRITING FRENCH: ADVANCED LEVEL (3) This course seeks to help students develop further their proficiency in oral and written communicative skills through a study of the cultural aspects of the contemporary Francophone world. The course is conducted entirely in French. The language acquisition component focuses on the expansion of vocabulary, the practice of advanced grammatical structures, and the performance of advanced level communicative tasks. The area studies component concentrates on contemporary events and personalities in the Francophone world. Prerequisite: LFRE 0205 or equivalent.

LFRE 0340 SPECIAL TOPICS IN FRENCH (3) An in-depth study of a limited or specialized area within French literature or culture. Course content will vary according to the area of specialization of the instructor and the interests of the students. May be repeated if course content differs.

LFRE 0399 INDEPENDENT STUDY (3) A course offered by special arrangement to the student interested in studying a specific aspect of French literature. A reading knowledge of French is required. Prerequisite: Permission of instructor.

SPANISH

LSPA 0101 SPANISH I (3) The first course in Spanish for those who have never studied the language before. Through an introduction to both sounds and basic grammatical structures, it will provide the student with a foundation in both spoken and written Spanish. In this course the emphasis will be on oral comprehension and speaking, and acquisition of a limited, basic vocabulary.

LSPA 0102 SPANISH II (3) The second course in the Spanish sequence. Stress on oral comprehension and speaking will continue, along with increased practice in reading and writing, and enlargement of active vocabulary. Prerequisite: one semester of college or one year of high school Spanish.

LSPA 0103 SPANISH III (3) The third course in the Spanish sequence will review and seek to expand students' understanding of grammatical structures. Increased emphasis on reading and writing through materials dealing with aspects of the Spanish-speaking world. Prerequisite: two semesters of college or two years of high school Spanish.

LSPA 0104 SPANISH IV (3) The fourth course in the Spanish sequence. Stress on reading and some practice in writing, and on the acquisition of new vocabulary. The four language skills, listening, speaking, reading, and writing will be practiced in relation to topics dealing with the Spanish-speaking world and with contemporary life. Prerequisite: three semesters of college or three years of high school Spanish.

LSPA 0200 SPANISH CONVERSATION I (3) Conversation based on a wide variety of topics both extemporaneous and assigned. Practice with often used expressions and patterns of speech common in a conversational style. The main objective is to develop fluency in speaking and ease in understanding. Prerequisite: LSPA 0104 or LSPA 0215 or permission of instructor.

LSPA 0201 READING SPANISH TEXTS (3) Selected readings drawn from the works of various authors and poets of the Hispanic world; the sources include the works of writers from Europe, North and South America, and the Caribbean. An introduction to literature and literary analysis. The goal is the development of the student's critical vocabulary and reading skills. Writing requirement. Prerequisite: LSPA 0215.

LSPA 0203 SPANISH CULTURAL STUDIES (3) Examines the forces, conflicts and beliefs which have shaped Spanish culture. Special attention to major works in the visual arts, music and literature that embody the artistic achievements of Spanish civilization. Prerequisite: LSPA 0104 or equivalent.

LSPA 0204 LATIN-AMERICAN CULTURAL STUDIES (3) Examines the cultures of Spanish America in both pre-Colombian and modern times. Emphasis on the diversity of Hispanic cultures in America and the artistic achievements of Latin-American civilizations. Prerequisite: LSPA 0104 or the equivalent.

LSPA 0205 SPANISH COMPOSITION (3) An opportunity to develop your own style in writing by putting words and sentences together in accordance with the rules of Spanish grammar and rhetoric. The student will practice sentence patterns of differing length and complexity. Stress will be paced on the solution of specific problems of Spanish composition. Prerequisite: LSPA 0104 or the equivalent.

LSPA 0206 SPANISH CONVERSATION II (3) Intensive practice in speaking in a variety of formal and informal situations so that the student will gain self-confidence in expressing personal ideas in Spanish. Prerequisite: LSPA 0200 or LSPA 0215 or permission of instructor.

LSPA 0210 TOPICS IN HISPANIC STUDIES (3) This course stresses the unique historical, linguistic, and cultural differences of the Spanish-speaking world. Topic varies by semester.

LSPA 0215 SPEAKING AND WRITING SPANISH:
INTERMEDIATE LEVEL (3) This course seeks to help students develop further their proficiency in oral and written communicative skills through a study of cultural aspects of the contemporary Hispanic world. The course is conducted entirely in Spanish. The language acquisition component focuses on the expansion of vocabulary, the practice of intermediate-level grammatical structures, and the performance of intermediate-level level communicative tasks. The area studies component concentrates on contemporary events and personalities in the Hispanic world. Prerequisite: LSPA 0104 or its equivalent.

LSPA 0220 SPANISH LANGUAGE PRESS (3) An immersion in the news as reported and presented online in a variety of media from the Spanish-speaking world. Students will be exposed to a variety of contemporary topics from the Hispanic world and will also analyze the way in which the Spanish-speaking world presents American news. This course will require students to demonstrate precision in manipulating advanced grammar and ease in creating with both oral and written language. Prerequisite: LSPA 0215 or equivalent.

LSPA 0300 INTRODUCTION TO SPANISH LITERATURE (3) A survey of Spanish literature across historical periods, featuring works by leading literary figures from representative genres and emphasizing critical analysis. Prerequisite: LSPA 0201 or equivalent.

LSPA 0306 CONTEMPORARY SPANISH LITERATURE (3) A study of Spanish literature from the Generation of 1898 to the present. Prerequisite: LSPA 300 or equivalent.

LSPA 0307 INTRODUCTION TO LATIN AMERICAN LITERATURE (3) A survey of Latin American literature from the colonial period through the 1970's emphasizing a critical analysis of selected works by leading literary figures. Prerequisite: LSPA 0201 or equivalent.

LSPA 0309 CONTEMPORARY LATIN-AMERICAN LITERATURE (3) A study of selected works from the 1950's to the present. Prerequisite: LSPA 0307 or permission of the instructor.

LSPA 0311 COMPARATIVE GRAMMAR: SPANISH/ENGLISH (3) An in-depth analysis of the major differences between the grammatical systems of Spanish and English with a particular emphasis on those areas of contrast which are vital to language teaching. Special emphasis on providing students with linguistic resources to avoid imposition of English grammatical structures on Spanish, or Spanish on English, in both speaking and writing. Taught in Spanish. Prerequisites: LSPA 0205 or LSPA 0215 or permission of instructor.

LSPA 0315 SPEAKING AND WRITING SPANISH: ADVANCED LEVEL (3) This course seeks to develop further their proficiency in oral and written communicative skills through a study of cultural aspects of the contemporary Hispanic world. The course is conducted entirely in Spanish. The language acquisition component focuses on the expansion of vocabulary, the practice of advanced grammatical structures, and the performance of advanced level communicative tasks. The area studies component concentrates on contemporary events and personalities in the Hispanic world. Prerequisite: LSPA 0215, Speaking and Writing Spanish: Intermediate Level, or its equivalent.

LSPA 0316 ADVANCED SPANISH CONVERSATION (3) Focuses on improving their conversational skills through active participation in discussions, debates and oral presentations in class. This course provides students with a contextualized content-based approach leading to fluent oral language production. While the emphasis is on oral proficiency, component reading, writing and listening practice are also included. Prerequisite LSPA 0315 or permission of instructor.

LSPA 0317 ADVANCED SPANISH COMPOSITION (3) This course has two complementary components: practice with the more complex aspects of Spanish grammar and the development of effective writing skills. Students will examine models of informal and formal writing and will engage in professional and creative writing. Prerequisite: LSPA 0315 or permission of instructor.

LSPA 0321 TOPICS IN SPANISH LANGUAGE CINEMA (3) Explores and examines films of the Spanish-speaking world. Includes films representing diverse regions, genres, directors and movements of the Hispanic world. Students will analyze film as cultural, historical, political and economic products of represented nations, regions and groups. Goals for language mastery associated with this course are those associated with the ACTFL Intermediate High/Advanced Low level. Course may be taken a second time when topic is different. Prerequisite: LSPA 0215 or permission of instructor.

LSPA 0325 POPULAR CULTURE IN THE SPANISH SPEAKING WORLD (3) A study of popular culture in the Spanish-speaking world through the analysis of various media such as telenovelas, music and film. Particular attention to these forms of cultural expression as reflections of class, gender and ethnic conflicts in the Hispanic world, as well as between specific Spanish-speaking societies and the outside world. Prerequisite: LSPA 0315 or permission of instructor.

LSPA 0340 SPECIAL TOPICS IN SPANISH (3) An in-depth study of a limited or specialized area within Spanish/Latin American literature or culture. Course content will vary according to the area of specialization of the instructor and the interests of the students. May be repeated if course content differs.

LSPA 0390 SPANISH FOR COMMUNITY-BASED LEARNING (3) This course is comprised of a community-based observation and learning experience in combination with classroom work focused on oral and written communication skills. Classroom content emphasizes strategies for effective communication including tools for conversation management consistent with cultural norms in formal and informal situations, investigation of features of Latino cultures and communities in New England, and material tailored to the specific learning sites where students are placed. Prerequisite: LSPA 0315 or permission of instructor.

LSPA 0398 INTERNSHIP: SPANISH IN THE COMMUNITY (3) This internship allows students with Spanish language proficiency to work in a professional environment. Internship sites will be selected in consultation with a faculty advisor; students will focus their language development on the requirements and needs of that particular environment. Classroom components of the course will emphasize increasing competence in assessing features and aspirations of diverse communities, and functioning appropriately and confidently in relation to linguistic, generational, class and educational differences. Prerequisite: LSPA 0390 or equivalent skill level assess by faculty advisor.

LSPA 0399 INDEPENDENT STUDY (3) A course offered by special arrangement to the student interested in studying a specific aspect of Spanish literature. A reading knowledge of Spanish is essential. Prerequisite: LSPA 0300, and LSPA 0307, or the equivalent.

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enior Administration

he date in parentheses following the name indicates the beginning service at Westfield State University. Please note that names and les are based on information available at the time of printing; please e westfield.ma.edu for current listings.)

VAN S. DOBELLE (2008) President; B.A. University of Massachu-tts, Amherst; M.P.A., Harvard University; M.Ed., Ed.D., University Massachusetts, Amherst

ERALD HAYES (2009) Special Assistant to the President for Capital Proj-ts; B.A., College of the Holy Cross; M.Ed., Harvard University

ENNETH LEMANSKI (2008) Vice President, Government and Uni-rsity Relations, Office of the President; B.A., University of Massa-usetts, Amherst; J.D., Western New England College School of Law

ICHELLE MAGGIO (2004) Interim Vice President, Administra-n and Finance; B.S., College of Business and Administration, Alfred iversity; M.S., State University of New York at Albany

AROL PERSSON (1987) Vice President, Enrollment Management; S., Slippery Rock University; M.A., Montclair State College; D.P.E., ringfield College

ARLTON PICKRON (1986) Vice President, Student Affairs; B.S., Ed., C.A.S., Springfield College; Ed.D., University of Massachusetts, herst

ELIZABETH H. PRESTON (1990) Vice President, Academic Affairs; B.A., Bates College; M.A., Ph.D., University of Massachusetts, Amherst

NANCY SALVIDIO (1986) Interim Vice President, Alumni and Community Relations; B.A., M.A., Westfield State University

Administration

GISELLE ABED (2007) Assistant Director, Coordinator of Experiential Education, Career Services; B.A., Hartwick College; M.Ed., University of Massachusetts

SUZANNA CHOI ADAMS (1995) Associate Director, Counseling Center; B.A., Oral Roberts University; M.A., Wheaton College

JASMINE AMEGAN (2011) Staff Assistant, Admission Counselor, Admission; B.A., Westfield State University

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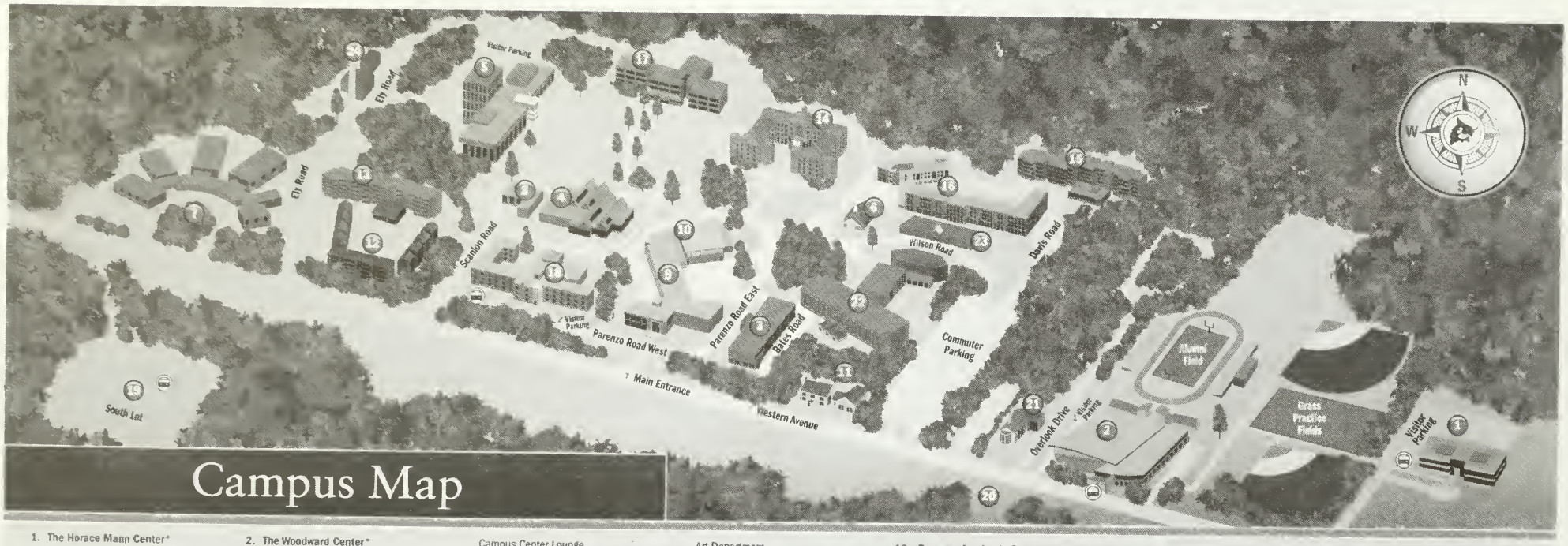

Campus Map

1. **The Horace Mann Center***
   Administration & Finance
   Admission Office
   Advancement and University Relations
   Alumni Office
   College for Kids
   Community Education
   Computer Labs
   Criminal Justice Department
   Development Office
   Enrollment Management
   Equal Opportunity
   Event Management
   Financial Aid
   Graduate & Continuing Education
   Garden Cafe
   Human Resources Office
   Marketing Office
   Media Relations
   Multicultural Affairs
   President's Office
   Purchasing Office
   Student Accounts
   Veterans' Affairs Office

2. **The Woodward Center***
   Alumni Field*
   Astroturf, Baseball Diamond, Track and Field House
   Athletic Storage Building/ Concessions and Rest Rooms
   Athletics Department
   Movement Science, Sport and Leisure Studies Department

3. **Bates Hall***
   Bates Computer Lab
   English Department
   Geographic Information Systems Technology Lab (GIS)
   History Department
   Music Department

4. **Tim & Jeanne's Dining Commons***
   The Fr. John Dean Dining Hall
   Pandini's
   The Perch
   The Tekoa Room

5. **Ely Hall***
   Arno Maris Art Gallery
   Barnes & Noble Bookstore
   Campus Center
   Campus Center Lounge
   Westfield Voice Campus Newspaper Office
   Communication Department
   Commuter Affairs
   Cyber Cafe
   Dunkin Donuts
   Ely Library
   Ely Studio Theater
   Judicial Affairs Office
   Macintosh Lab
   Student Affairs Office
   Student Club Offices
   Student Government Association Office
   Subway Restaurant
   TV Studio
   Wellness Center & Indoor Pool
   WSKB Radio Station

6. **Forst Interfaith Center****

7. **Juniper Park Elementary School****
   Center for Teacher Education & Research

8. **Maintenance/Trades Department**

9. **Parenzo Hall***
   Academic Achievement Office
   Academic Advising Center/Peer Advising
   Academic Affairs Office
   Art Department
   Central Receiving
   Copy Center
   Dever Stage
   Education Department
   Environmental Health & Safety
   Facilities and Operations Office
   Faculty Center for Teaching and Learning
   Faculty Grants & Sponsored Programs
   Institutional Research
   International Programs Office
   Macintosh Lab
   Mailroom
   Media and Technical Services
   Parenzo Gymnasium
   Political Science Department
   Reading and Writing Center
   Registrar
   Student Support Services
   Trio Program
   Supply Room
   Switchboard
   Teacher Education Council
   Urban Education Program Office

10. **Banacos Academic Center***
    Tutoring Center
    Disability Services
    Learning Disabilities Program

11. **Public Safety Complex***
    Campus Police and Parking Office

Residence Halls

12. **Apartments****
    Conlin Hall**
    Seymour Hall**
    Welch Hall**
    (student apts. for upperclasspersons)

13. **Dickinson Hall****

14. **Courtney Hall***

15. **Davis Hall****

16. **New Residence Hall***

17. **Lammers Hall****
    Career Services Office
    Counseling Center
    Residence Hall

18. **Scanlon Hall***
    Health Services Office*
    Residence Hall
    Residential Life Office
    Scanlon Banquet Hall*
    Scanlon Living Room*

19. **South Parking Lot**

20. **Stanley Park**

21. **Second Congregational Church**

22. **Wilson Hall***
    Biology Department and Green House
    Campus Card Program Office
    Center for Instructional Technology
    Computer & Information Science Department
    Economics & Management Department
    Environmental Science Department
    Geography & Regional Planning Department
    Information Technology
    Liberal Studies Program
    Mathematics Department
    Philosophy Department
    Physical Science Department
    Psychology Department
    Quixote's / Wilson Grill Dining
    Savignano Auditoriums
    Wilson Computer Labs

23. **Mod Hall**
    Ethnic & Gender Studies
    Honors Program
    Nursing
    Sociology
    Social Work
    World Languages

24. **Power Plant**

** Handicap Accessible*
*** Partially Accessible*

Bus Stop
Campus Shuttle Bus
PVTA Bus to Springfield

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Founded 1838

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